

November 5, 2024

10:03 PM

2370	CHARLES CAT			AS130807
2371	Indigo Integrated Solutions Limited			AS44287
2372	Consensus One Sp. z o.o.			AS56540
2373	Citytelecom LLC			AS20404
2374	SIA HomeTV Pro			AS9029
2375	Okay-Telecom Ltd.		X	AS199669
2376	Endeavor Communications		X	AS19751
2377	Delovaya Svyaz Ltd.			AS47968
2378	Stardoll AB			AS47287
2379	Vermont-IT Limited Liability Company			AS43667
2380	Base IP B.V.		X	AS34305
2381	Bletchley Networks Limited			AS199716
2382	Proofpoint, Inc.		X	AS22843
2383	CompuSOURCE Communications Corp.			AS26938
2384	Hi3G Access AB		X	AS44034
2385	OXIO			AS400424
2386	Altigen JSC			AS50473
2387	TELECOM HOLDING 3 AS			AS35157
2388	Federal State Unitary Enterprise "Morsviazsputnik"			AS197969
2389	Kering Eyewear S.p.A.		X	AS202617
2390	Irontrust Networks		X	AS7775
2391	SANEF SA			AS34809
2392	Meteverse Limited.		X	AS54994
2393	Ansible Networks, LLC		X	AS14570
2394	Swishmail		X	AS14469
2395	Bloomberg, LP			AS10361
2396	Virtual Station LLC			AS198083
2397	NCI Genomics SRL			AS203306
2398	Bank of America, National Association			AS19886
2399	Taboola.com Ltd		X	AS200478
2400	WNB A/S		X	AS207934
2401	Barra International, LLC			AS1311
2402	Konica Minolta Business Solutions Europe GmbH			AS205287
2403	MY.COM US, INC.			AS393506
2404	Data Target d.o.o.			AS62294
2405	Leaseweb USA, Inc.		X	AS394386
2406	M-REAL NET Ltd.			AS31029
2407	LLC OTT UKRAINE			AS204384
2408	NTC ASIA LIMITED		X	AS135273
2409	KOMPaaS.tech Kft		X	AS59949

2434	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPKA			AS212638
2435	LLC Telecom MPK			AS44927
2436	DSV A/S		X	AS49362
2437	Electronic Arts Limited			AS56723
2438	Triton Digital			AS13360
2439	OOO Scientific-Production Center Tetra			AS30960
2440	Mega Limited		X	AS199124
2441	Shearman & Sterling			AS14163
2442	FriendFinder Networks Inc		X	AS25875
2443	Lambda			AS398090
2444	Grifonline S.r.l.		X	AS43942
2445	PT APLIKA DATA NUSANTARA		X	AS140421
2446	Disney Worldwide Services, Inc.		X	AS23344
2447	M-Tech Systems Ltd			AS203582
2448	Louis Vuitton Malletier SA			AS203554
2449	Rutgers, The State University		X	AS46
2450	Planisware SAS		X	AS205845
2451	THE INTERPUBLIC GROUP OF COMPANIES, INC.			AS17044
2452	Google Ireland Limited		X	AS43515
2453	Adams CATV, Inc		X	AS14928
2454	Weblines Services Inc		X	AS29757
2455	Momentum Telecom, Inc.			AS26079
2456	GTT Communications Inc.		X	AS286
2457	Media Connective LLP			AS206352
2458	ITS akciova spolecnost		X	AS48417
2459	Markus Rosignol			AS24632
2460	Babiel GmbH			AS198913
2461	Network Research Belgium S.A.		X	AS12942
2462	Korporativni partner Ltd		X	AS51579
2463	Equity Residential			AS30278
2464	Securebit AG			AS58057
2465	South Central Power Company		X	AS394611
2466	AS STV		X	AS61307
2467	EOS Technology Solutions GmbH			AS204061
2468	Proofpoint, Inc.		X	AS26211
2469	Euris Health Cloud SAS			AS12362
2470	Public Telecommunication Corporation		X	AS30873
2471	Group of Columbia			AS307659



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2403	MY.COM US, Inc.			AS62294
2404	Data Target d.o.o.			AS394386
2405	Leaseweb USA, Inc.		X	AS31029
2406	M-REAL NET Ltd.			AS204384
2407	LLC OTT UKRAINE			AS135273
2408	NTC ASIA LIMITED		X	AS59949
2409	KOMPaaS.tech Kft		X	AS209576
2410	Svea Internet AB		X	AS200573
2411	NEXET Sp. z o.o.			AS398772
2412	Fiber Optical Network LLC			AS59905
2413	NTH AG			AS30761
2414	Interpol			AS39684
2415	OOO Mango Telecom			AS22135
2416	Skechers USA			AS54309
2417	NEGU			AS21958
2418	Nobel Ltd			AS398149
2419	Vexus Fiber			AS47181
2420	Trancom Ltd			AS19366
2421	Managed Network Solutions, Inc.			AS36408
2422	unified ASN for CDNetworks across the globe			AS34843
2423	Managing company Realty of Petersburg Ltd			AS36243
2424	BPS Networks		X	AS63399
2425	Dialpad, Inc.		X	AS59642
2426	UAB Cherry Servers		X	AS134521
2427	Dialpad, Inc.		X	AS13524
2428	Arrow Electronics			AS205122
2429	Planisware SAS			AS394887
2430	Monetra Technologies LLC		X	AS35542
2431	Swedish Space Corporation			AS30633
2432	Leaseweb USA, Inc.		X	AS58011
2433	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS212636
2434	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPKA			AS44927
2435	LLC Telecom MPK			AS49362
2436	DSV A/S		X	AS56723
2437	Electronic Arts Limited			AS13360
2438	Triton Digital			AS30960
2439	OOO Scientific-Production Center Tetra			AS199124
2440	Mega Limited		X	AS14163
2441	Shearman & Sterling			AS65075
2442	Lambda		X	AS398006

2418	Nobel Ltd			AS21958
2419	Vexus Fiber			AS398149
2420	Trancom Ltd			AS47181
2421	Managed Network Solutions, Inc.			AS19366
2422	unified ASN for CDNetworks across the globe			AS36408
2423	Managing company Realty of Petersburg Ltd			AS34843
2424	BPS Networks		X	AS36243
2425	Dialpad, Inc.		X	AS63399
2426	UAB Cherry Servers		X	AS59642
2427	Dialpad, Inc.		X	AS134521
2428	Arrow Electronics			AS13524
2429	Planisware SAS			AS205122
2430	Monetra Technologies LLC		X	AS394887
2431	Swedish Space Corporation			AS35542
2432	Leaseweb USA, Inc.		X	AS30633
2433	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS58011
2434	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPKA			AS212636
2435	LLC Telecom MPK			AS44927
2436	DSV A/S		X	AS49362
2437	Electronic Arts Limited			AS56723
2438	Triton Digital			AS13360
2439	OOO Scientific-Production Center Tetra			AS30960
2440	Mega Limited		X	AS199124
2441	Shearman & Sterling			AS14163
2442	FriendFinder Networks Inc		X	AS25875
2443	Lambda			AS398090
2444	Grifonline S.r.l.		X	AS43942
2445	PT APLIKA DATA NUSANTARA		X	AS140421
2446	Disney Worldwide Services, Inc.		X	AS23344
2447	M-Tech Systems Ltd			AS203582
2448	Louis Vuitton Malletier SA			AS203554
2449	Rutgers, The State University		X	AS46
2450	Planisware SAS		X	AS205845
2451	THE INTERPUBLIC GROUP OF COMPANIES, INC.			AS17044
2452	Google Ireland Limited		X	AS43515
2453	Adams CATV, Inc		X	AS14928
2454	Webline Services Inc		X	AS29757
2455	Momentum Telecom, Inc.			AS20079

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2340	GMCHOSTING LLC			AS19186
2341	Pulsepoint Inc			AS19189
2342	WiMore S.r.l.			AS203489
2343	Rumble USA Inc.		X	AS399647
2344	Zone Media OU		X	AS49604
2345	Videnca AB			AS42622
2346	VOIP-UN LIMITED		X	AS42004
2347	MIFFLIN COUNTY WIRELESS LLC		X	AS11059
2348	Qwilt Inc.		X	AS20253
2349	iGamingCloud Limited			AS203221
2350	Marlink AS			AS8841
2351	Akamai International B.V.		X	AS31108
2352	Xvid Services OU			AS12293
2353	Tarr Kft.		X	AS8462
2354	Redder Telco s.r.l.			AS33986
2355	P.A.K.T LLC		X	AS39087
2356	TOV 'ProFIX Company'			AS43017
2357	MiaTel LLC			AS47613
2358	dinCloud Inc.		X	AS53834
2359	BOLIGNET-AARHUS F.M.B.A.			AS33796
2360	Opticom Group AO			AS49106
2361	Clearstream Technology Ltd		X	AS59455
2362	MM Internet, Inc.			AS12028
2363	JSC Multiregional Transitelecom			AS49476
2364	Zoom Video Communications, Inc		X	AS30103
2365	Evocative, Inc.		X	AS18672
2366	Cloud Temple SAS			AS33930
2367	Paradise Networks LLC			AS40861
2368	Richie Ltd		X	AS60354
2369	PRO-PING d.o.o.			AS62161
2370	CHARLES CATV SYSTEMS INC			AS138987
2371	Indigo Integrated Solutions Limited		X	AS44205
2372	Consensus One Sp. z o.o.			AS56540
2373	Citytelecom LLC			AS204041
2374	SIA HomeTV Pro			AS9029
2375	Okay-Telecom Ltd.		X	AS199669

29	COLT Technol		X	AS8220
30	Datacamp Limite		X	AS8220
31	Internet Initiative Japan Inc.		X	AS2497
32	Columbus Networks USA, Inc.		X	AS23520
33	Liberty Global B.V.		X	AS6830
34	Administracion Nacional de Telecomunicaciones		X	AS6057
35	PJSC MegaFon		X	AS31133
36	Singapore Telecommunications Ltd		X	AS7473
37	Comcast Cable Communications, LLC		X	AS7922
38	China Mobile International Limited		X	AS58453
39	Joint Stock Company TransTeleCom		X	AS20485
40	SEACOM Limited		X	AS37100
41	Verizon Business		X	AS701
42	Reliance Jio Infocomm Pte Ltd Singapore		X	AS64049
43	Vocus Connect International Backbone		X	AS4826
44	Sify Limited		X	AS9583
45	Broadband Hosting B.V.		X	AS24785
46	Turk Telekomunikasyon Anonim Sirketi		X	AS9121
47	Crown Castle Fiber LLC		X	AS46887
48	WIIT AG		X	AS24961
49	SoftBank Corp.		X	AS17676
50	PJSC Vimpelcom		X	AS3216
51	PT. Cyberindo Aditama		X	AS38158
52	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
53	AT&T Services, Inc.		X	AS7018
54	SAMM TECNOLOGIA E TELECOMUNICACOES S.A		X	AS262589
55	atom86 BV		X	AS8455
56	Charter Communications Inc		X	AS7843
57	SH.cz s.r.o.		X	AS39392
58	FPT Telecom Company		X	AS18403
59	TM TECHNOLOGY SERVICES SDN BHD		X	AS4788
60	Indosat Singapore Pte. Ltd.		X	AS131219
61	Init7 (Switzerland) Ltd.		X	AS13030
62	GlobalConnect A/S		X	AS31027
63	GoCodeIT Inc		X	AS835
64	Superloop		X	AS38195
65	JSC ER-Telecom Holding		X	AS9049
66	Netasist Limited		X	AS29632
67	UFINET PANAMA S.A.		X	AS52468



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Super Looking Glass
Exchange Report
BGP Routes
World Report
Multi Origin Routes
DNS Report
ISP Host Report
Internet Statistics
Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
IPv6 Progress
Doing Native
Credits
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Whois RDAP IRR IX Traceroute

Rank	Description	IPv4	Peer
1	Hurricane Electric LLC 	X	AS6939
2	Level 3 Parent, LLC 	X	AS3356
3	Cogent Communications 	X	AS174
4	TELECOM ITALIA SPARKLE S.p.A. 	X	AS6762
5	GTT Communications Inc. 	X	AS3257
6	EDGEUNO S.A.S 	X	AS7195
7	TATA COMMUNICATIONS (AMERICA) INC 	X	AS6453
8	NTT America, Inc. 	X	AS2914
9	GlobeNet Cabos Submarinos Colombia, S.A.S. 	X	AS52320
10	Angola Cables 	X	AS37468
11	TELEFONICA GLOBAL SOLUTIONS SL 	X	AS12956
12	Zayo Bandwidth 	X	AS6461
13	BHARTI Airtel Ltd. 	X	AS9498
14	CLARO S.A. 	X	AS4230
15	The Constant Company, LLC 	X	AS20473
16	BR.Digital Provider 	X	AS14840
17	Orange S.A. 	X	AS5511
18	PCCW Global, Inc. 	X	AS3491
19	Telstra Global 	X	AS4637
20	Vodafone Group PLC 	X	AS1273
21	Core-Backbone GmbH 	X	AS33891
22	iFog GmbH 	X	AS34927
23	ELETRONET S.A. 	X	AS267613
24	CHINANET BACKBONE 	X	AS4134
25	Deutsche Telekom AG 	X	AS3320
26	RETN Limited 	X	AS9002
27	PJSC Rostelecom 	X	AS12389
28	Inter.link GmbH 	X	AS5405

07	OPINET PANAMA		X	AS32406
68	APNIC ASN block		X	AS32406
69	PT Cyber Network Indonesia		X	AS38496
70	PT Telekomunikasi Indonesia		X	AS7713
71	FLAG TELECOM UK LIMITED		X	AS15412
72	GlobalConnect AB		X	AS12552
73	CHINA UNICOM China169 Backbone		X	AS4837
74	IELO-LIAZO SERVICES SAS		X	AS29075
75	The Communications Authority of Thailand(CAT)		X	AS4651
76	PT. Mega Akses Persada		X	AS136106
77	VIRTUA SYSTEMS SAS		X	AS35661
78	AIRE NETWORKS DEL MEDITERRANEO SL UNIPERSONAL		X	AS29119
79	ANEXIA Internetdienstleistungs GmbH		X	AS47147
80	INTERKVM HOST SRL		X	AS6204
81	Euroweb Romania S.R.L.		X	AS6663
82	EDGOO NETWORKS UNIPESOA LDA		X	AS6424
83	Windstream Communications LLC		X	AS7029
84	WholeSale Internet, Inc.		X	AS32097
85	KDDI CORPORATION		X	AS2516
86	TPG Telecom Limited		X	AS7545
87	Free Pro SAS		X	AS30781
88	Telenor Norge AS		X	AS2119
89	NCRYPTD NET LTD		X	AS34465
90	Fusix Networks B.V.		X	AS57866
91	Gigahost AS		X	AS56655
92	Slovak Telekom, a.s.		X	AS6855
93	Fiber Telecom S.p.A.		X	AS41327
94	Equinix (EMEA) Acquisition Enterprises B.V.		X	AS15830
95	Operbes, S.A. de C.V.		X	AS18734
96	Wave Broadband		X	AS11404
97	Telia Company AB		X	AS3301
98	meerfarbig GmbH & Co. KG		X	AS34549
99	1&1 Versatel Deutschland GmbH		X	AS8881
100	Eurotranstelecom Ltd		X	AS35320
101	NORDUnet		X	AS2603
102	PT. Saranainsan Mudaselaras		X	AS55655
103	A1 Telekom Austria AG		X	AS8447
104	xTom OU		X	AS3204
105	Shaw Communications Inc		X	AS6327
106	Zenlayer Inc		X	AS4229

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143	SIA Tet		X	AS5617	
144	Orange Polska Spółka Akcyjna		X	AS64126	
145	DOMINICAN CABLE GROUP DCG, S.R.L.		X	AS4764	
146	Aussie Broadband		X	AS2519	
147	ARTERIA Networks Corporation		X	AS58511	
148	Anycast Global Backbone		X	AS35280	
149	F5 Networks SARL		X	AS9505	
150	Taiwan Internet Gateway		X	AS8151	
151	UNINET		X	AS3223	
152	Voxility LLP		X	AS400282	
153	UPX US LLC		X	AS4648	
154	Global-Gateway Internet		X	AS4657	
155	StarHub Ltd		X	AS6667	
156	Elisa Oyj		X	AS12713	
157	Ote SA (Hellenic Telecommunications Organisation)		X	AS8283	
158	Netwerkvereniging Coloclue		X	AS38082	
159	True International Gateway Co., Ltd.		X	AS1680	
160	Cellcom Fixed Line Communication L.P		X	AS57344	
161	Telehouse EAD		X	AS9299	
162	Philippine Long Distance Telephone Company		X	AS20115	
163	Charter Communications		X	AS9009	
164	M247 Europe SRL		X	AS8473	
165	Bahnhof AB		X	AS47232	
166	ISP Alliance a.s.		X	AS12578	
167	SIA Tet		X	AS20804	
168	Exatel S.A.		X	AS21949	
169	Beanfield Technologies Inc.		X	AS55900	
170	GLBB Japan KK		X	AS8359	
171	MTS PJSC		X	AS29208	
172	Quantcom, a.s.		X	AS17557	
173	Pakistan Telecommunication Company Limited		X	AS29535	
174	Orange Polska Spółka Akcyjna		X	AS2116	
175	GLOBALCONNECT NO		X	AS852	
176	TELUS Communications Inc.		X	AS5610	
177	O2 Czech Republic, a.s.		X	AS23005	
178	SWITCH, LTD		X	AS135069	
179	Feenix Communications Limited		X	AS199524	
180	G-Core Labs S.A.		X	AS13293	
181	Institute of Bioorganic Chemistry Polish Academy of Science, Poznan Supercomputing and Networking Center		X	AS13293	

105	Shaw Commun...		X	AS39386
106	Zenlayer Inc		X	AS6696
107	Saudi Telecom Company JSC		X	AS35598
108	VERIXI SA		X	AS8966
109	INETCOM CARRIER LLC		X	AS7552
110	EMIRATES TELECOMMUNICATIONS GROUP COMPANY (ETISALAT GROUP) PJSC		X	AS50629
111	Viettel Group		X	AS4455
112	LWLcom GmbH		X	AS56630
113	IX Reach Ltd		X	AS8708
114	Melbikomas UAB		X	AS39351
115	DIGI ROMANIA S.A.		X	AS16509
116	31173 Services AB		X	AS577
117	Amazon.com, Inc.		X	AS20055
118	Bell Canada		X	AS22773
119	Wholesail networks LLC		X	AS47272
120	Cox Communications Inc.		X	AS39357
121	HYEHOST LTD		X	AS55850
122	Tritan Development		X	AS50607
123	APNIC ASN block		X	AS8551
124	Stowarzyszenie e-Poludnie		X	AS5578
125	Bezeq International Ltd.		X	AS9680
126	SWAN, a.s.		X	AS29802
127	HiNet Service Center in U.S.A		X	AS3326
128	HIVELOCITY, Inc.		X	AS1828
129	PRIVATE JOINT STOCK COMPANY DATAGROUP		X	AS47605
130	Unitas Global		X	AS8767
131	FNE-Finland Oy		X	AS32787
132	M-net Telekommunikations GmbH		X	AS1257
133	Akamai Technologies, Inc.		X	AS25091
134	Tele2 Sverige AB		X	AS2518
135	IP-Max SA		X	AS906
136	BIGLOBE Inc.		X	AS4800
137	DMIT Cloud Services		X	AS21247
138	PT Aplikasi Lintasarta		X	AS6774
139	RoyaleHosting BV		X	AS13536
140	Belgacom International Carrier Services SA		X	AS5400
141	FirstLight Fiber, Inc.		X	AS5518
142	British Telecommunications PLC		X	AS64426
143	SIA Tet		X	
144	DOMINICAN CABLE GROUP PCC S.R.L.		X	

178	SWITCH, LTD		X	AS23009
179	Feenix Commu		X	AS23009
180	G-Core Labs S.A.		X	AS19952
181	Institute of Bioorganic Chemistry Polish Academy of Science, Poznan Supercomputing and Networking Center		X	AS13293
182	TDC Holding A/S		X	AS3292
183	TowardEX Technologies International, Inc.		X	AS27552
184	Telia Norge AS		X	AS25400
185	T-Mobile Polska S.A.		X	AS12912
186	Oath Holdings Inc.		X	AS10310
187	Telia Lietuva, AB		X	AS8764
188	OSNET Wireless		X	AS21559
189	GleSYS AB		X	AS42708
190	hkgo LLC			AS945
191	Eviny Digital AS		X	AS30950
192	LLC Nauka-Svyaz		X	AS8641
193	Zain Omantel International FZ-LLC		X	AS59605
194	PT. NAP Info Lintas Nusa		X	AS45147
195	Futruy s.r.o.		X	AS42000
196	Uniti Fiber Holdings Inc.		X	AS13760
197	Retelit Digital Services S.p.A.		X	AS28716
198	EWE TEL GmbH		X	AS9145
199	Etihad Etisalat, a joint stock company		X	AS48237
200	Link11 GmbH		X	AS34309
201	INDOSAT Internet Network Provider		X	AS4761
202	Universitaet Stuttgart		X	AS553
203	Globe Telecoms		X	AS4775
204	Atlantic Metro Communications II, Inc.		X	AS29838
205	Ooredoo Q.S.C.		X	AS8781
206	Airstream Communications, LLC		X	AS11796
207	Telia Eesti AS		X	AS3249
208	Serbia BroadBand-Srpske Kablovske mreze d.o.o.		X	AS31042
209	ParadoxNetworks Limited		X	AS52025
210	Societe Francaise Du Radiotelephone - SFR SA		X	AS15557
211	Telconet S.A		X	AS27947
212	Hydra Communications Ltd		X	AS25369
213	TIME dotCom Berhad No. 14, Jalan Majistret U1/26 Hicom Glenmarie Industrial Park 40150 Shah Alam Sel		X	AS9930
214	comtrance service GmbH		X	AS30962
215	1-2, d.o.o.		X	AS34779
216	Verizon Business		X	AS702



255	NTS workspace		X	AS139000
256	Daniel Jackson		X	AS21202
257	eww ag		X	AS21013
258	Cablevision Systems Corp.		X	AS6128
259	Packet Host, Inc.		X	AS54825
260	Lyse Tele AS		X	AS29695
261	Master Internet s.r.o.		X	AS24971
262	Blacknight Internet Solutions Limited		X	AS39122
263	China Mobile International Limited		X	AS58807
264	Suomi Communications Oy		X	AS16302
265	NTS workspace AG		X	AS15576
266	Federal State Institution Federal Scientific Research Institute for System Analysis of the Russian Academy of Sciences		X	AS3267
267	COMCEL GUATEMALA S.A.		X	AS262206
268	NovoServe B.V.		X	AS24875
269	SpainWISP, S.L.		X	AS8637
270	Telecom Operator & Internet Service Provider as well		X	AS17494
271	RCN		X	AS6079
272	Arcadiz Telecom NV		X	AS50309
273	Rackforest Zrt.		X	AS62214
274	Google LLC		X	AS15169
275	TierPoint, LLC		X	AS17378
276	GNC-Alfa CJSC		X	AS49800
277	Hrvatski Telekom d.d.		X	AS5391
278	Tamares Telecom Ltd		X	AS208906
279	ABACLOUD SAS		X	AS56987
280	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA S.A.		X	AS8657
281	Hive Data Center Inc.		X	AS33185
282	Mila hf		X	AS6677
283	oja.at GmbH		X	AS39912
284	xTom GmbH		X	AS3214
285	Real World - The Core		X	AS45437
286	Akamai International B.V.		X	AS20940
287	Midcontinent Communications		X	AS11232
288	firstcolo GmbH		X	AS44066
289	Odido Netherlands B.V.		X	AS50266
290	Network Platforms (PTY) LTD		X	AS328832
291	i3D.net B.V		X	AS49544
292	JMP Technology Services GmbH		X	AS61423
293	Horizont Technologie Internetowa sp. z o.o.		X	AS50606
294	ANEXIA Internetdienstleistungen GmbH		X	AS42473



267	COMCEL GUA		X	AS24875
268	NovoServe B.V.		X	AS24875
269	SpainWISP, S.L.		X	AS8637
270	Telecom Operator & Internet Service Provider as well		X	AS17494
271	RCN		X	AS6079
272	Arcadiz Telecom NV		X	AS50309
273	Rackforest Zrt.		X	AS62214
274	Google LLC		X	AS15169
275	TierPoint, LLC		X	AS17378
276	GNC-Alfa CJSC		X	AS49800
277	Hrvatski Telekom d.d.		X	AS5391
278	Tamares Telecom Ltd		X	AS208905
279	ABACLOUDS SAS		X	AS56987
280	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA S.A.		X	AS8657
281	Hive Data Center Inc.		X	AS33185
282	Mila hf		X	AS6677
283	oja.at GmbH		X	AS39912
284	xTom GmbH		X	AS3214
285	Real World - The Core		X	AS45437
286	Akamai International B.V.		X	AS20940
287	Midcontinent Communications		X	AS11232
288	firstcolo GmbH		X	AS44066
289	Odido Netherlands B.V.		X	AS50266
290	Network Platforms (PTY) LTD		X	AS328832
291	i3D.net B.V		X	AS49544
292	JMP Technology Services GmbH		X	AS61423
293	Horyzont Technologie Internetowe sp.z.o.o.		X	AS50606
294	ANEXIA Internetdienstleistungs GmbH		X	AS42473
295	US Internet Corp		X	AS10242
296	RADIOKOMUNIKACE a.s.		X	AS25248
297	Linknet-Exchange ASN		X	AS7632
298	Oracle Corporation		X	AS31898
299	Georgia Institute of Technology		X	AS10490
300	Airtek Solutions C.A.		X	AS61461
301	Optimum		X	AS19108
302	GEMNET LLC		X	AS45204
303	Kansas Fiber Network, LLC		X	AS13329
304	SHIFT HOSTING LLC		X	AS394177
305	Radware Ltd		X	AS198945



213	TIME dotCom		X	AS30962
214	comtrance service GmbH		X	AS30962
215	T-2, d.o.o.		X	AS34779
216	Verizon Business		X	AS702
217	VeriSign Infrastructure & Operations		X	AS7342
218	GVVME		X	AS12186
219	Wobcom GmbH		X	AS9136
220	Ryamer, LLC		X	AS400587
221	Nexthop AS		X	AS49788
222	NetCom BW GmbH		X	AS41998
223	Jon Arve Vanvik		X	AS210152
224	Blix Solutions AS		X	AS50304
225	123.Net, Inc.		X	AS12129
226	Eranium B.V.		X	AS35133
227	PT Jala Lintas Media		X	AS55685
228	Mythic Beasts Ltd		X	AS44684
229	LUXNETWORK S.A.		X	AS29467
230	Nine Internet Solutions AG		X	AS29691
231	Orange Romania S.A.		X	AS9050
232	JasTel Network International Gateway		X	AS45629
233	Cloudflare, Inc.		X	AS13335
234	Aureon Network Services		X	AS5056
235	WNET TELECOM USA Corp.		X	AS1820
236	FreeTel, s.r.o.		X	AS8251
237	PhoenixNAP LLC		X	AS12189
238	CETIN a.s.		X	AS28725
239	NetCologne Gesellschaft fur Telekommunikation mbH		X	AS8422
240	A1 Bulgaria EAD		X	AS8717
241	Spirit Communications		X	AS2711
242	Korea Telecom		X	AS4766
243	Krypt Technologies		X	AS4213
244	WorldStream B.V.		X	AS49981
245	Flexential Colorado Corp.		X	AS13649
246	Videotron Ltee		X	AS22652
247	ETB - Colombia		X	AS19429
248	Hetzner Online GmbH		X	AS24940
249	Verein zur Foerderung eines Deutschen Forschungsnetzes e.V.		X	AS680
250	VNET a.s.		X	AS29405
251	LS Networks		X	AS25899
252	Telia Finland Oyj		X	AS1759



305	Radware Ltd		X	AS18834
306	LeaseWeb Netw...		X	AS13339
307	VSE NET GmbH		X	AS9063
308	23M GmbH		X	AS47447
309	EastLink		X	AS11260
310	GANDI SAS		X	AS29169
311	TKRZ Stadtwerke GmbH		X	AS42184
312	Syringa Networks, LLC		X	AS15305
313	IPB Internet Provider in Berlin GmbH		X	AS20647
314	Atman Sp. z o.o.		X	AS15694
315	TELEKOM SRBIJA a.d.		X	AS8400
316	Plus.line AG		X	AS12306
317	JSC ER-Telecom Holding		X	AS48858
318	University of Maryland		X	AS10886
319	Dakota Carrier Network		X	AS26794
320	APNIC ASN block		X	AS137366
321	Zenlayer Inc		X	AS21859
322	REVOLUTION PROVIDER SRL		X	AS41720
323	Orange Romania S.A.		X	AS8953
324	Emirates Integrated Telecommunications Company PJSC		X	AS15802
325	DIL Technology Limited		X	AS210021
326	MoeDove LLC			AS44324
327	NETSYST SAS		X	AS209097
328	Bluebird Network		X	AS62943
329	Aixit GmbH		X	AS29551
330	Total Access Communication PLC.		X	AS10089
331	BSE Software GmbH		X	AS9044
332	Telco Pro Services, a. s.		X	AS39791
333	Advania Island ehf		X	AS30818
334	Unitas Global		X	AS12182
335	AZERTELECOM LLC		X	AS196925
336	Jump Networks Ltd		X	AS8943
337	OMONIA d.o.o.		X	AS44306
338	Alestra, S. de R.L. de C.V.		X	AS11172
339	84 Grams AB		X	AS57630
340	IONOS SE		X	AS8560
341	VSHosting s.r.o.		X	AS43541
342	Tashi InfoComm Limited		X	AS38740
343	Bell Canada		X	AS855
344	ha-vel internet s.r.o.		X	AS15935
345	King Fiber Inc.		X	AS22133



339	84 Grams AB		X	AS8560
340	IONOS SE		X	AS43541
341	VSHosting s.r.o.		X	AS38740
342	Tashi InfoComm Limited		X	AS855
343	Bell Canada		X	AS15935
344	ha-vel internet s.r.o.		X	AS32133
345	Ting Fiber Inc.		X	AS29049
346	Delta Telecom Ltd		X	AS19782
347	Indiana University		X	AS44735
348	Nova hf		X	AS1267
349	WIND TRE S.P.A.		X	AS28458
350	IEN TC S DE RL DE CV		X	AS56911
351	Warian S.R.L.		X	AS20904
352	Cinia Oy		X	AS56595
353	Fluency Communications Ltd		X	AS25512
354	CD-Telematika a.s.		X	AS20326
355	TeraSwitch Networks Inc.		X	AS38040
356	TOT Public Company Limited		X	AS24724
357	Atman Sp. z o.o.		X	AS8368
358	Destiny N.V		X	AS60169
359	R-KOM Regensburger Telekommunikationsgesellschaft mbH		X	AS5606
360	GTS Telecom SRL		X	AS12337
361	noris network AG		X	AS22822
362	Limelight Networks, Inc.		X	AS2828
363	Verizon Business		X	AS18059
364	DTPNET NAP		X	AS42541
365	Fiberby ApS		X	AS56665
366	Proximus Luxembourg S.A.		X	AS15932
367	TELENOR LINX AS		X	AS14041
368	University Corporation for Atmospheric Research		X	AS48362
369	Stadtwerke Feldkirch		X	AS62240
370	Clouvider Limited		X	AS703
371	Verizon Business		X	AS16637
372	MTN SA		X	AS23379
373	Blackburn Technologies II, LLC		X	AS12778
374	MEGA M, d.o.o.		X	AS49600
375	NEAR IP, S.L.		X	AS53597
376	Hovos Consulting LLC			AS13767
377	DataBank Holdings, Ltd.		X	

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371	Verizon Business				
372	MTN SA				
373	Blackburn Technologies II, LLC		X		AS23379
374	MEGA M, d.o.o.		X		AS12778
375	NEAR IP, S.L.		X		AS49600
376	Hoyos Consulting LLC				AS53597
377	DataBank Holdings, Ltd.		X		AS13767
378	Fastweb SpA		X		AS12874
379	Metronet		X		AS30600
380	inexio Informationstechnologie und Telekommunikation Gmbh		X		AS8899
381	SEEWEB s.r.l.		X		AS12637
382	LITECOM AG		X		AS33965
383	Shenandoah Cable Television LLC		X		AS4922
384	Grande Communications Networks, LLC		X		AS7459
385	Tschajera Limited				AS209022
386	Hong Kong Broadband Network Ltd.		X		AS9269
387	Compaa Dominicana de Telfonos S. A.		X		AS6400
388	Ukrainian Telecommunication Group LLC		X		AS50581
389	2 connect a.s.		X		AS35236
390	Epsilon Telecommunications Ltd		X		AS44356
391	GAS&COM AG		X		AS47176
392	Mobifone Global JSC		X		AS45896
393	Iron Mountain Data Center		X		AS12025
394	OneCleveland		X		AS19009
395	INTERNET AG Global Network		X		AS8495
396	Merit Network Inc.		X		AS237
397	MobiCom Corporation		X		AS55805
398	NEOTEL DOO export-import Skopje		X		AS34772
399	LASOTEL SAS		X		AS39180
400	FiberX		X		AS6208
401	Rackspace Hosting		X		AS12200
402	Cityfibre Limited		X		AS8468
403	xTom Pty Ltd		X		AS8888
404	Unite Private Networks LLC.		X		AS15164
405	Virtual Technologies & Solutions		X		AS37721
406	NorthC Deutschland GmbH		X		AS15598
407	HighSpeed Office Limited		X		AS39326
408	Thuega SmartService GmbH		X		AS198726
409	Netwise Hosting Ltd		X		AS60800
410	SAREnet, S.A.		X		AS3262

479	MEVSPACE Sp.			
480	MULTI SERVICE SRL			
481	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS49808
482	Neutral Data Centers Corp.		X	AS33554
483	JCOM Co., Ltd.		X	AS9824
484	Infomaniak Network SA		X	AS29222
485	Noris-ITK GmbH		X	AS47526
486	Quickline AG		X	AS15600
487	Cofractal, Inc.		X	AS26073
488	MVM NET Zrt.		X	AS47169
489	VAS Latvijas Valsts radio un televizijas centrs		X	AS8194
490	ALWAYS ON SAS		X	AS50628
491	SOUTH DAKOTA NETWORK		X	AS13576
492	NEOCOMISP LIMITED, IPTX Transit and Network Service Provider in Cambodia.		X	AS9902
493	360NET C.A.		X	AS267809
494	GoDaddy.com, LLC		X	AS26496
495	HostHatch, LLC		X	AS63473
496	Sony Interactive Entertainment LLC		X	AS33353
497	Eircom Limited		X	AS5466
498	IP ServerOne Solutions Sdn Bhd		X	AS45352
499	The Municipal Communications Utility of the City of Cedar Falls, Iowa		X	AS13855
500	Unitas Global		X	AS10913
501	Localitel bvba		X	AS48408
502	COORDINADORA DE CARRIER'S, S.A. DE C.V.		X	AS19332
503	Rozint Ltd Co		X	AS21738
504	Telemach Hrvatska d.o.o.		X	AS34594
505	WiscNet		X	AS2381
506	Bredband2 AB		X	AS29518
507	Norlys Digital A/S		X	AS39642
508	VECTRA S.A.		X	AS29314
509	UK-2 Limited		X	AS13213
510	Korbank S. A.		X	AS35179
511	Accelecom		X	AS31877
512	Opteamax GmbH		X	AS48200
513	CZ.NIC, z.s.p.o.		X	AS25192
514	Nawork Internet Informationssysteme GmbH		X	AS9211
515	Quality Technology Services, LLC		X	AS17018
516	Wintek Corporation		X	AS11114

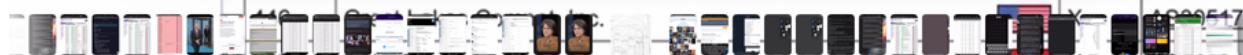


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407	HighSpeed Off		X	AS198720
408	Thuega SmartService GmbH		X	AS198720
409	Netwise Hosting Ltd		X	AS60800
410	SAREnet, S.A.		X	AS3262
411	Daisy Corporate Services Trading Ltd		X	AS5413
412	Aptum Technologies		X	AS13768
413	vServer.site LTD		X	AS56382
414	Ritter Communications		X	AS23404
415	Unitas Global		X	AS12179
416	APNIC ASN block		X	AS45758
417	P4 Sp. z o.o.		X	AS31242
418	CASABLANCA INT a.s.		X	AS15685
419	HAProxy Technologies, Inc.		X	AS11019
420	WIA spol. s.r.o.		X	AS21430
421	BIT BV		X	AS12859
422	MetroOptic, Inc.		X	AS29909
423	Pixel Factory		X	AS32425
424	Moldtelecom SA		X	AS8926
425	CLDIN B.V.		X	AS48635
426	BCNET		X	AS271
427	Republican Unitary Telecommunication Enterprise Beltelecom		X	AS6697
428	Tier.Net Technologies LLC		X	AS397423
429	Cablenet Communication Systems plc		X	AS35432
430	Plusnet GmbH		X	AS20676
431	Great Plains Communications LLC		X	AS13807
432	SpaceNet AG		X	AS5539
433	Duocast B.V.		X	AS31477
434	Cogeco Connexion Inc.		X	AS7992
435	RISE		X	AS63927
436	Net at Once Sweden AB		X	AS35706
437	AT&T Corp.		X	AS2686
438	Host Europe GmbH		X	AS20773
439	Pilot Fiber, Inc.		X	AS46450
440	BH Telecom d.d. Sarajevo		X	AS9146
441	Unitas Global		X	AS13789
442	Ezee Fiber		X	AS35847
443	HALLAG Kommunal GmbH		X	AS34347
444	TELEKOMUNIKASI INDONESIA INTERNATIONAL, PTE.LTD		X	AS56308
445	GLOBALCONNECT AS		X	AS8896



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442	LEZOS Fiber		X	AS335847
443	HALLAG Kom		X	AS335847
444	TELEKOMUNIKASI INDONESIA INTERNATIONAL, PTE.LTD		X	AS56308
445	GLOBALCONNECT AS		X	AS8896
446	Great Lakes Comnet, Inc.		X	AS30517
447	Hohl IT e.U.		X	AS40994
448	NHM - S.R.L.		X	AS62275
449	Telia Company AB		X	AS3308
450	Vox Telecom Ltd		X	AS11845
451	Hopkinsville Electric System		X	AS13781
452	Sentia Denmark A/S		X	AS47292
453	Netrouting B.V.		X	AS6206
454	Amito Ltd		X	AS60610
455	NTE TELEKOM AS		X	AS34087
456	Microsoft Corporation		X	AS8075
457	Accenture B. V.		X	AS8315
458	Steadfast		X	AS32748
459	Peninsula Fiber Network, LLC		X	AS46208
460	ERC Broadband		X	AS27446
461	Hot-Net internet services Ltd.		X	AS12849
462	INTERNET TELEFONIA Y TV DE MICHOACAN SA DE CV		X	AS28398
463	EX Networks Limited		X	AS35266
464	CETIN Ltd. Belgrade		X	AS15958
465	Unitas Global		X	AS14745
466	Hong Kong Beecloud System Technology Services Limited		X	AS140570
467	Vorboss Limited		X	AS25160
468	FiberLight, LLC		X	AS13876
469	WoodyNet, Inc.		X	AS42
470	Uzbektelekom Joint Stock Company		X	AS28910
471	DQE Communications LLC			AS33154
472	JSC Silknet		X	AS35805
473	Cyprus Telecommunications Authority		X	AS6866
474	ONEQCODE ASSETS PTY LTD		X	AS140627
475	MIRhosting B.V.		X	AS52000
476	Simply Transit Ltd		X	AS29550
477	Kansas Research and Education Network		X	AS2495
478	The Fusion Network, LLC		X	AS19754
479	MEVSPACE sp. z o.o.		X	AS201814
480	MULTISERVICE S.R.L.S.			AS215664
481	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS49808
482	Neutral Data Center Corp		X	AS22554

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AS45543

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AS203759

AS15895

AS51402

AS16276

AS31621

AS35047

AS21497

AS15267

AS36103

AS31034

AS196922

AS57395

AS2572

AS8544

AS198279

AS57

AS6700

AS56381

AS3330

AS39702

AS8100

AS5078

AS13046

AS48910

AS212261

AS25180

AS60051

AS8732

AS15108

583	WhiteLabel IT Solutions Corp		X	AS394625
584	NorthC Schweiz AG		X	AS42346
585	ENTEGA Medianet GmbH		X	AS12897
586	SaiGon Tourist cable Television Company		X	AS45543
587	Erdenreich Datentechnik GmbH		X	AS13247
588	INTAC Services GmbH		X	AS203759
589	Kyivstar PJSC		X	AS15895
590	COM-IN Telekommunikations GmbH		X	AS51402
591	OVH SAS		X	AS16276
592	Allegro sp. z o.o.		X	AS31621
593	Abissnet sh.a.		X	AS35047
594	PrJSC VF UKRAINE		X	AS21497
595	702 Communications		X	AS15267
596	Central Utah Telephone, Inc.		X	AS36103
597	Aruba S.p.A.		X	AS31034
598	Hofmeir Media GmbH		X	AS196922
599	synaforce GmbH		X	AS57395
600	University of Missouri - dba the Missouri Research and Education Network (MOREnet)		X	AS2572
601	Primetel PLC		X	AS8544
602	Albanian Telecommunications Union SH. P.K.		X	AS198279
603	University of Minnesota		X	AS57
604	BeotelNet-ISP d.o.o		X	AS6700
605	level66.network UG (haftungsbeschraenkt)		X	AS56381
606	eww ag		X	AS3330
607	S-IT Verwaltungs GmbH trading as S-IT Informationstechnologie Betreiber GmbH & Co. KG im Nordschwarzwald		X	AS39702
608	QuadraNet Enterprises LLC		X	AS8100
609	Oklahoma Network for Education Enrichment and		X	AS5078
610	Hrvatski Telekom d.d.		X	AS13046
611	PACKETFABRIC (UK) LTD		X	AS48910
612	Stowarzyszenie e-Poludnie		X	AS212261
613	Exponential-E Ltd.		X	AS25180
614	Earthlink Telecommunications Equipment Trading & Services DMCC		X	AS60051
615	JSC Comcor		X	AS8732
616	Allo Communications LLC		X	AS15108

613	Exponential E Ltd.		X	AS25400
614	Earthlink Telecommunications Equipment Trading & Services DMCC		X	AS60051
615	JSC Comcor		X	AS8732
616	Allo Communications LLC		X	AS15108
617	I.T.E.N.O.S. International Telecom Network Operation Services GmbH		X	AS50533
618	PODA a.s.		X	AS30764
619	Linkt SAS		X	AS44407
620	NextGenTel AS		X	AS15659
621	Unlimited Net, LLC		X	AS11990
622	OVEA SAS		X	AS29608
623	Infinity Telecom, s.r.o.		X	AS49121
624	Horyzont Technologie Internetowe sp.z.o.o.		X	AS20552
625	LANSOFT DATA SRL		X	AS31554
626	APNIC ASN block		X	AS23930
627	Limestone Networks, Inc.		X	AS46475
628	Haridus- ja Teadusministeerium		X	AS3221
629	M1 NET LTD		X	AS17547
630	LLC Smart Ape		X	AS56694
631	Netcalibre Ltd		X	AS25098
632	Internet Systems Consortium, Inc.		X	AS1280
633	Sony Network Communications Inc.		X	AS2527
634	MDS TELECOM C.A.		X	AS26983
635	FASTNET DATA INC		X	AS8796
636	Unitas Global		X	AS12180
637	VMWare, Inc.		X	AS53766
638	eTOP sp. z o.o.		X	AS20853
639	NJEDge.Net, Inc.		X	AS21976
640	NTT Global Data Centers EMEA GmbH		X	AS20332
641	CHINATELECOM CORE WAN CN2		X	AS4809
642	Megacable Comunicaciones de Mexico, S.A. de C.V.		X	AS14178
643	UNIDATA S.p.A.		X	AS5394
644	JSC RU-CENTER			AS5537
645	STARCLOUD GLOBAL LLC		X	AS14022
646	Razorblue Ltd		X	AS15692
647	LD Telecommunications, Inc.		X	AS32270
648	Thomson Ltd		X	AS25644
649	IVER NORGE AS		X	AS57829

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549	Art of Automation B.V.		X	AS66666
550	Omani Qatari Telecommunication Company SAOC		X	AS50010
551	Blackfoot Telephone Cooperative, Inc.		X	AS21947
552	KEVAG Telekom GmbH		X	AS12360
553	IQWeb FZ-LLC		X	AS59692
554	Unitas Global		X	AS30282
555	Canal + Telecom SAS		X	AS21351
556	Giulio Lo Presti		X	AS34428
557	CDLAN SpA		X	AS20836
558	OCTOPUS WEB SOLUTION INC		X	AS984
559	doof.net		X	AS39582
560	MOBIFONE Corporation		X	AS13142
561	Texas Department of Information Resources		X	AS6922
562	Man-da.de GmbH		X	AS8365
563	Converge ICT Solutions Inc.		X	AS17639
564	Artfiles New Media GmbH		X	AS8893
565	Pacific Internet Pte Ltd		X	AS4628
566	BT Italia S.p.A.		X	AS8968
567	Free SAS		X	AS12322
568	Webzilla B.V.		X	AS35415
569	ecotel communication ag		X	AS12312
570	TOTAL PLAY TELECOMUNICACIONES SA DE CV		X	AS17072
571	ConnetU Ltd.		X	AS51945
572	LightStorm Services s.r.o.		X	AS42005
573	STACK EMEA - ITALY S.P.A.		X	AS20320
574	DHIVEHI RAAJJEYGE GULHUN PLC		X	AS7642
575	Opus Interactive		X	AS14380
576	dogado GmbH		X	AS8648
577	Micron21 Datacentre Pty Ltd		X	AS38880
578	Unitas Global		X	AS19024
579	AllPoints Fibre Limited		X	AS5482
580	NOVATEL EOOD		X	AS41313
581	Netnod AB		X	AS8674
582	University of Wisconsin System		X	AS3128
583	WhiteLabel IT Solutions Corp		X	AS39462
584	North-Schweiz AG		X	AS42346
585	ENTEKA Medianet GmbH		X	AS12897

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517	Beyond.pl sp. z o.o.			
518	Netassist Limited			AS43429
519	DSM (GB) Limited		X	AS48070
520	PRIVATE JOINT-STOCK COMPANY FARLEP-INVEST		X	AS12883
521	Vivacom Bulgaria EAD		X	AS8866
522	MOJOHOST		X	AS27589
523	Elisa Eesti AS			AS2586
524	Metro Communications Company, Inc.		X	AS53610
525	Citytelecom LLC			AS3175
526	ColoHouse LLC		X	AS47869
527	Consortium GARR		X	AS137
528	Global Communication Net Plc		X	AS12615
529	Teleservice Bredband Skane AB		X	AS34244
530	DATACOM CARIBE, INC.		X	AS10396
531	Civilisation Information Technology, communication and internet services Co., LTD		X	AS21181
532	Aspire Technology Solutions Ltd		X	AS51043
533	Cyberlink AG		X	AS15623
534	TELECOMUNICACIONES DE GUATEMALA, SOCIEDAD ANONIMA		X	AS14754
535	wilhelm.tel GmbH		X	AS15943
536	Jisc Services Limited		X	AS786
537	XTRA TELECOM S.A.		X	AS15704
538	Vodafone Hungary Ltd.		X	AS21334
539	Global IP Networks INC		X	AS7819
540	Trusted Network GmbH		X	AS21385
541	University of Illinois		X	AS40387
542	Instituto Costarricense de Electricidad y Telecom.		X	AS11830
543	LightEdge Solutions		X	AS11320
544	ComSource s.r.o.		X	AS19980
545	RelAix Networks GmbH		X	AS34953
546	Invitech ICT Services Kft.		X	AS12301
547	ScaleUp Technologies GmbH & Co. KG		X	AS29014
548	PlusServer GmbH		X	AS61157
549	Art of Automation B.V.		X	AS60893
550	Omani Qatari Telecommunication Company SAOC		X	AS50010
551	Blackfoot Telephone Cooperative, Inc.		X	AS21947
552	KEVAG Telekom GmbH		X	AS12360
553	IQWeb FZ-LLC		X	AS59692
554	Unitas Global		X	AS30282

678	QuickPacket, LLC		X	AS46261
679	Rechenzentrum Hassfurt GmbH		X	AS44973
680	12651980 CANADA INC.		X	AS399486
681	WIN S.A.		X	AS9208
682	Zayo Infrastructure France SA		X	AS8218
683	akquinet outsourcing gGmbH		X	AS35258
684	Redge Technologies sp. z o.o.		X	AS57811
685	eStruxture Data Centers Inc.		X	AS19122
686	SK Broadband Co Ltd		X	AS9318
687	PTI Pacifica Inc.		X	AS7131
688	Baylor College of Medicine		X	AS302
689	One.com A/S		X	AS51468
690	Hanoi Telecom Joint Stock Company - HCMC Branch		X	AS24088
691	SoftLayer Technologies Inc.		X	AS36351
692	Phibee Telecom SAS		X	AS8487
693	Telmex Colombia S.A.		X	AS14080
694	NIDIX NETWORKS S.A. DE C.V.		X	AS265627
695	ANS ACADEMY LIMITED		X	AS61323
696	LLC Orange Business Services		X	AS2854
697	regio[.NET] Holding GmbH		X	AS8804
698	PC Astra-net		X	AS49824
699	Gilat Telecom Ltd.		X	AS12491
700	Quality Technology Services, LLC		X	AS20141
701	Great Lakes Energy Connections Inc.		X	AS398143
702	Baffin Bay Networks AB		X	AS42649
703	freenet Datenkommunikations GmbH		X	AS5430
704	Lao Telecom Communication, LTC		X	AS9873
705	WebNX, Inc.		X	AS18450
706	Arizona Board of Regents		X	AS62600
707	SingNet		X	AS3758
708	Telx		X	AS36086
709	LinkedIn Corporation		X	AS14413
710	NebraskaLink		X	AS16851
711	LU-CIX Management GIE		X	AS208374
712	Rice University		X	AS4557
713	CEGECOM S.A.		X	AS15965

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647	LD Telecommunications, Inc.		X	AS32270
648	Therecom Ltd		X	AS35614
649	IVER NORGE AS		X	AS57829
650	Mediacom Communications Corp		X	AS30036
651	Monaco Telecom S.A.		X	AS6758
652	Facebook, Inc.		X	AS32934
653	Association Gitoyen		X	AS20766
654	Cologix, Inc		X	AS8001
655	ANTENNA HUNGARIA Magyar Musorszoro es Radiohirkozlesi Zartkoruen Mukodo Reszvenytarsasag		X	AS8990
656	Solcon Internetdiensten B.V.		X	AS12414
657	INEA sp. z o.o.		X	AS13110
658	Information System Authority		X	AS8240
659	Vodafone Idea Ltd		X	AS55410
660	WideOpenWest Finance LLC		X	AS12083
661	Cable Onda		X	AS18809
662	Opus Interactive		X	AS396930
663	OzarksGo, LLC		X	AS395662
664	JSC Ufanet		X	AS47775
665	MULTICABLE NETWORK LLC		X	AS54082
666	GLU TECHNOLOGIES, S.L.		X	AS202550
667	AMX Argentina S.A.		X	AS19037
668	xTom		X	AS6233
669	badenIT GmbH		X	AS13054
670	Cleura AB		X	AS42695
671	D-LAKE SAS		X	AS49028
672	Wieske's Crew GmbH		X	AS13135
673	Peace Communications LLC		X	AS20448
674	LinkBermuda LTD		X	AS11269
675	Armstrong		X	AS27364
676	htp GmbH		X	AS13045
677	HKN GmbH		X	AS12676
678	QuickPacket, LLC		X	AS46261
679	Rechenzentrum Hassfurt GmbH		X	AS44973
680	12651980 CANADA INC.		X	AS399486
681	WIN S.A.		X	AS9208

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710

NebraskaLink



X

AS16851

711

LU-CIX Management GIE



X

AS208374

712

Rice University



X

AS4557

713

CEGECOM S.A.



X

AS15965

714

Host-Telecom.com s.r.o.



X

AS51248

715

Russmedia IT GmbH



X

AS5385

716

DELTA Fiber Nederland B.V.



X

AS15435

717

APNIC ASN block



X

AS132337

718

SALZBURG AG fur Energie, Verkehr und Telekommunikation



X

AS8445

719

Aktsiaselts WaveCom



X

AS34702

720

TDS TELECOM



X

AS4181

721

Servers.com, Inc.



X

AS7979

722

Tampnet AS



X

AS200781

723

GHOSTnet GmbH



X

AS12586

724

S1 Networks Oy



X

AS199506

725

Digital Realty Netherlands B.V.



X

AS47973

726

SMART AXIATA Co., Ltd.



X

AS45498

727

Catixs Ltd



X

AS48266

728

Incapsula Inc



X

AS19551

729

VESTITEL BG



X

AS39505

730

CacheNetworks, Inc.



X

AS30081

731

Roblox



X

AS22697

732

Embark Studios AB



X

AS58317

733

IP Port LLC



X

AS8647

734

SERVICIOS DE TELECOMUNICACIONES SETEL S.A. (XTRIM EC)



X

AS14522

735

Akamai International B.V.



X

AS34164

736

GoDaddy.com, LLC



X

AS397515

737

SERVICEPIPE LLC



X

AS201706

738

ESUN TECHNOLOGY INTERNATIONAL CO., LIMITED



X

AS132166

739

Iguane Solutions SAS



X

AS39605

740

Coriolis Telecom SAS



X

AS60032

741

Manx Telecom Trading Ltd



X

AS13122

742

SWITCH



X

AS559

743

PacketHub S.A.



X

AS141039

744

IP Connect Inc



X

AS213373

745

Conexon Connect



X

AS399896

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742	SWITCH		X	AS559
743	PacketHub S.A.		X	AS141039
744	IP Connect Inc		X	AS213373
745	Conexon Connect		X	AS399898
746	Apple Inc.		X	AS714
747	e-Style ISP LLC		X	AS20655
748	NORTHERN DATA SERVICES (UK) LIMITED		X	AS200675
749	Join-stock company Internet ExchangeMSK-IX		X	AS44522
750	No One Internet Ltd		X	AS49375
751	AnschlussWerk GmbH		X	AS31317
752	smartTERRA GmbH		X	AS35548
753	Comprehensive Security Sweden AB		X	AS34628
754	NEUTRAL NETWORKS, S de RL de CV		X	AS270126
755	Vapor IO, Inc.		X	AS5670
756	Services Industriels de Geneve		X	AS20932
757	MobileOne Ltd. Mobile/Internet Service Provider Singapore		X	AS4773
758	Netflix Streaming Services Inc.		X	AS2906
759	AL-HADATHEH LIL-ITISALAT WA AL-TECHNOLOGIA CO.		X	AS47887
760	Merula Limited		X	AS16353
761	GoDaddy.com, LLC		X	AS398104
762	Hawe Telekom S.A. in Restructuring		X	AS42739
763	Arcus Novus UAB		X	AS51259
764	InterneXt 2000, s.r.o.		X	AS25424
765	RTC Communications Corp.		X	AS393227
766	Tencent Building, Kejizhongyi Avenue		X	AS132203
767	LueneCom Kommunikationsloesungen GmbH		X	AS201035
768	Webzilla Inc.		X	AS40824
769	Ledl.net GmbH		X	AS25575
770	LLC Real-net		X	AS13178
771	CAMELLIA FIBER		X	AS399111
772	HUB Advanced Networks, LLC		X	AS23550
773	Clarity Telecom LLC		X	AS20412
774	TekSavvy Solutions, Inc.		X	AS5645
775	Square, Inc.		X	AS15211
776	nfon AG		X	AS8878
777	GoDaddy.com, LLC		X	AS398109

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773	Clarity Telecom LLC		X	AS20412
774	TekSavvy Solutions, Inc.		X	AS5645
775	Square, Inc.		X	AS15211
776	nfon AG		X	AS8878
777	GoDaddy.com, LLC		X	AS398109
778	T38Fax Incorporated		X	AS396431
779	TNG Stadtnetz GmbH		X	AS13101
780	Edgecast Inc.		X	AS15133
781	Zhejiang Taobao Network Co.,Ltd		X	AS24429
782	Sky UK Limited		X	AS207163
783	Cologuard		X	AS22418
784	Local Loop Oy		X	AS204779
785	B2B2C Inc		X	AS16532
786	Internet Systems Consortium, Inc.		X	AS33071
787	GoDaddy.com, LLC		X	AS398106
788	imos Gesellschaft fuer Internet-Marketing und Online-Services mbH		X	AS20677
789	BEN LOMAND RURAL TELEPHONE COOPERATIVE, INC.		X	AS21766
790	Arvig Enterprises Inc.		X	AS16904
791	BalaLink S.A.		X	AS59908
792	MTC Communications, Inc.		X	AS14363
793	CYBERCON, INC.		X	AS7393
794	vitroconnect GmbH		X	AS57353
795	RACKNATION S.A.		X	AS264763
796	INTERNET EXCHANGE SERVICES YUCATAN		X	AS270173
797	GoDaddy.com, LLC		X	AS397516
798	UnitedLayer, LLC		X	AS40061
799	Cogeco Connexion inc		X	AS11290
800	Bykov Roman Andreevich		X	AS48610
801	DELTA ONLINE spol. s r.o.		X	AS34820
802	DITO TELECOMMUNITY CORP.		X	AS139831
803	Citytelecom LLC		X	AS29076
804	The Networking People (TNP) Limited		X	AS25460
805	ASK4 Limited		X	AS41230
806	Omnis Network, LLC		X	AS19237
807	EDPNET Belgium BV		X	AS9031
808	Oxylion S. A.		X	AS58321
809	NetCom Service GmbH		X	AS12453

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806	Omnis Network, LLC		X	AS19237
807	EDPNET Belgium BV		X	AS9031
808	Oxylion S. A.		X	AS58321
809	KraftCom Service GmbH		X	AS12453
810	Videotron Ltee		X	AS5769
811	WebSupport s.r.o.		X	AS51013
812	netconnect AG		X	AS212865
813	Quality Technology Services, LLC		X	AS26978
814	Sonic Telecom LLC		X	AS46375
815	NOVITATELECOM LLC		X	AS59589
816	Adams TelSystems, Inc.		X	AS12033
817	Mainloop AB		X	AS43893
818	Orange Business Digital Sweden AB		X	AS8523
819	British Telecommunications PLC		X	AS3300
820	HEXAGLOBE SAS		X	AS31564
821	Ooredoo Maldives Plc		X	AS55944
822	Serverel Inc.		X	AS50245
823	YouFibre Limited		X	AS212655
824	GoDaddy.com, LLC		X	AS397514
825	P4 Sp. z o.o.		X	AS39603
826	HOSTKEY B.V.			AS50867
827	OneCubit Co., Ltd.			AS149522
828	Path Network, Inc.		X	AS396996
829	TCT West, Inc.		X	AS4474
830	INOC, LLC		X	AS22302
831	NetCom-R LLC		X	AS49531
832	Adaptive Data Networks, LLC		X	AS23367
833	Copaco Cloud B.V.		X	AS38983
834	Vercara, LLC			AS12008
835	Burstfire Networks Ltd		X	AS9153
836	STRATA NETWORKS		X	AS30432
837	SpeedPartner GmbH		X	AS34225
838	Sri Lanka Telecom PLC, GLocal Peering		X	AS45489
839	Wantelco SAS de CV		X	AS270158
840	net.de AG		X	AS15743
841	Latvijas Mobilais Telefons SIA		X	AS12847

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854	IONOS Cloud Inc.		X	AS54548
855	CABLE COLOR LLC		X	AS398947
856	JSC Avantel		X	AS51178
857	CORPORACION NACIONAL DE TELECOMUNICACIONES - CNT EP		X	AS26613
858	Metroset Ltd.		X	AS50923
859	LM Layer and Mesh AB		X	AS42303
860	Source Telecoms Inc.		X	AS18187
861	FirstDigital Communications, LLC		X	AS13415
862	BaikalWestCom		X	AS50187
863	E-Gate Communications Inc.		X	AS13657
864	GoDaddy.com, LLC		X	AS398105
865	UGO LLC		X	AS199805
866	GINERNET S.L.		X	AS59432
867	DNS:NET Internet Service GmbH		X	AS15366
868	Nebius B.V.		X	AS213291
869	BrightRidge		X	AS22987
870	Parknet F.M.B.A.		X	AS197301
871	KOBA Sp. z o.o.		X	AS34525
872	Amplex Electric, Inc.		X	AS20205
873	FloridaNet		X	AS11096
874	Kantonsschule Zug		X	AS34288
875	Sky UK Limited		X	AS5607
876	June Slater		X	AS42615
877	GoDaddy.com, LLC		X	AS398102
878	Orange Business Digital Germany GmbH		X	AS48173
879	Total Information Management Corporation		X	AS135423
880	Livenet Sp. z o.o.		X	AS39869
881	Unitedlayer, Inc.		X	AS23342
882	OOO Petrosvyaz		X	AS50538
883	Digital Realty (UK) Limited		X	AS49425
884	MBA DATACENTERS S.L.		X	AS43578
885	GoDaddy.com, LLC		X	AS397520
886	IP Group AS		X	AS16186
887	Mainzer Breitband GmbH		X	AS205769
888	CONCEL		X	AS23487
889	AOFEEDATA INTERNATIONAL COMPANY LIMITED		X	AS125391
890	Reliwell GmbH		X	AS39063

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945	Quality Technology Services, LLC		X	AS11767
946	INTERNET CZ, a.s.		X	AS24806
947	Allay Nawroz Telecom Company for Communication/Ltd.		X	AS21277
948	Axtel, S.A.B. de C.V.		X	AS6503
949	Petrus Spolka z ograniczona odpowiedzialnoscia		X	AS44914
950	Biz Telecom LLC		X	AS197453
951	LLC SIP NIS		X	AS35032
952	iBasis, Inc.		X	AS11889
953	CABLE ONE, INC.		X	AS11492
954	Hivelocity LLC		X	AS61317
955	CONSORCIO DE TELECOMUNICACIONES AVANZADA S.A.		X	AS199434
956	SPUTNIK LLC			AS48739
957	Archtop Fiber		X	AS32723
958	HANARIN LTD			AS216425
959	Dialpad, Inc.		X	AS63399
960	VoiceHost Ltd		X	AS31472
961	CSpace Hostings OU		X	AS208367
962	IP Telecom Bulgaria		X	AS199790
963	NetAssist LLC			AS8772
964	Finalto A/S		X	AS197190
965	TAKE-TWO INTERACTIVE SOFTWARE, INC.		X	AS394977
966	Fibra AB		X	AS205151
967	Open Infra ISP Production International AB		X	AS212804
968	Alianza Inc.		X	AS54900
969	Korves.Net USA LLC		X	AS207435
970	Hi3G Access AB		X	AS44034
971	dinCloud Inc.		X	AS53834
972	iHome LLC		X	AS25478
973	VOO S.A.		X	AS12392
974	ROMAN EDUARDOVICH ZAMKOV		X	AS50766
975	Ivent Mobile bv		X	AS59865
976	Digita Oy		X	AS48299
977	DigitalOcean, LLC		X	AS14061
978	Cisco OpenDNS, LLC		X	AS36692
979	Sentabo GmbH		X	AS51167
980	Valve Corporation		X	AS32590

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884	MBA DATACENTERS S.L.		X	AS43578
885	GoDaddy.com, LLC		X	AS397520
886	IP Group AS		X	AS16186
887	Mainzer Breitband GmbH		X	AS205769
888	CONECAL		X	AS23487
889	AOFEI DATA INTERNATIONAL COMPANY LIMITED		X	AS135391
890	Leitwert GmbH		X	AS39063
891	InterNetX GmbH		X	AS15456
892	Hydra Communications Ltd		X	AS58325
893	GoDaddy.com, LLC		X	AS398788
894	AVATEL TELECOM, SA		X	AS200845
895	Sota Solutions Ltd.		X	AS31742
896	Aitire S.L		X	AS208591
897	Cloudflare, Inc.		X	AS395747
898	Elite Limited		X	AS29611
899	3W Infra B.V.		X	AS60144
900	HAL Service SpA		X	AS44092
901	FALBOX S.L. trading as NIXVAL		X	AS13287
902	POCOS B.V.		X	AS50522
903	Nodes Direct		X	AS19531
904	Equinix, Inc.		X	AS29884
905	Lennart Seitz trading as ETH-Services		X	AS200462
906	CETIN Hungary Zrt.		X	AS8448
907	Two P		X	AS6140
908	intersaar GmbH		X	AS12941
909	marbis GmbH		X	AS199610
910	Ikoula Net SAS		X	AS21409
911	Sohonet Limited		X	AS16164
912	Backblaze Inc		X	AS40401
913	MAXnet Systems Ltd.		X	AS8636
914	NetFire, LLC		X	AS394102
915	APNIC ASN block			AS63956
916	VKontakte Ltd		X	AS47541
917	Tripnet AB		X	AS34385
918	Miniae Kim		X	AS215343
919	ORANGE BUSINESS SERVICES U.S. Inc.		X	AS2874

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977	DigitalOcean, LLC		X	AS14061
978	Cisco OpenDNS, LLC		X	AS36692
979	Contabo GmbH		X	AS51167
980	Valve Corporation		X	AS32590
981	Obos Nett AS		X	AS212765
982	Amarutu Technology Ltd		X	AS206264
983	Leaseweb UK Limited		X	AS205544
984	BPS Inc.		X	AS59110
985	Base IP B.V.		X	AS205467
986	CISCO SYSTEMS, INC.		X	AS109
987	Afilias, Inc.		X	AS63403
988	DIGI Tavkozlesi es Szolgaltato Kft.		X	AS20845
989	Disney Worldwide Services, Inc.		X	AS23344
990	ETES GmbH		X	AS205890
991	I NET BULGARIA EOOD		X	AS60447
992	INDERT CONNECTION LP		X	AS203443
993	Mohammad Ali Obeidat		X	AS39526
994	Private Stock company Sater		X	AS29107
995	Richie Software USA, Inc.		X	AS54528
996	NGX Networks		X	AS398013
997	3U TELECOM GmbH		X	AS198710
998	Endeavor Communications		X	AS19751
999	Greenfiber Internet & Dienste GmbH		X	AS203228
1000	DSV A/S		X	AS49362
1001	Leaseweb USA, Inc.		X	AS30633
1002	mywire Datentechnik GmbH		X	AS59675
1003	Alibaba (US) Technology Co., Ltd.		X	AS45102
1004	Infront Financial Technology GmbH		X	AS201463
1005	Actual Broadband		X	AS32913
1006	Free SAS		X	AS210596
1007	UAB Cgates		X	AS21412
1008	Aryaka Networks, Inc.		X	AS11179
1009	Mixvoip S.A.		X	AS206610
1010	MODIRUM MDPAY OU		X	AS62248
1011	PT. PASIFIKTEL INDONESIA		X	AS24202
1012	Cablemas Telecomunicaciones SA de CV		X	AS28555

1008	Aryaka Networks, Inc.		X	AS11179
1009	Mixvoip S.A.		X	AS206610
1010	MODIRUM MDPAY OU		X	AS62248
1011	PT. PASIFIKTEL INDOTAMA		X	AS24202
1012	Cablemas Telecomunicaciones SA de CV		X	AS28555
1013	Sky Italia srl		X	AS210278
1014	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS56672
1015	K2 Integration JSC		X	AS51219
1016	ESTRACOM SPA		X	AS31319
1017	VENTE-PRIVEE.COM SA		X	AS60350
1018	C.S.T. Ltd.		X	AS62429
1019	Uber Technologies, Inc		X	AS26673
1020	Binero AB		X	AS60094
1021	Cornell University		X	AS26
1022	eNET Inc.		X	AS10297
1023	Vaioni Group Ltd		X	AS35575
1024	UFINET MEXICO S. DE R.L. DE C.V.		X	AS265620
1025	TELERYS COMMUNICATION SAS		X	AS205344
1026	OOO Gruppa MosLine		X	AS31370
1027	Centrix Web Services LLC		X	AS207023
1028	Sprint			AS1239
1029	AMEN SAS		X	AS48185
1030	Semaphore Corporation		X	AS3742
1031	Greenfiber Internet & Dienste GmbH		X	AS207436
1032	SCALEWAY S.A.S.		X	AS29447
1033	Iguane Solutions SAS		X	AS200271
1034	in2ip B.V.		X	AS34141
1035	Syscomm Limited		X	AS56990
1036	HostDime.com, Inc.		X	AS33182
1037	South Central Power Company		X	AS394611
1038	Sewan Belgium SA		X	AS196755
1039	Swishmail		X	AS14469
1040	NatCoWeb Corp.		X	AS46636
1041	Extraordinary Managed Services Ltd		X	AS30827
1042	Ivstar Ltd		X	AS29588
1043	Active Network S.p.A.		X	AS197075

914	NetFire, LLC		X	AS394102
915	APNIC ASN block			AS63956
916	VKontakte Ltd		X	AS47541
917	Tripnet AB		X	AS34385
918	Minjae Kim		X	AS215343
919	ORANGE BUSINESS SERVICES U.S. Inc.		X	AS2874
920	CloudFerro S.A		X	AS200999
921	Unitas Global		X	AS14742
922	Quality Technology Services, LLC		X	AS53907
923	GoDaddy.com, LLC		X	AS397522
924	Space Exploration Technologies Corporation		X	AS14593
925	Haendle & Korte GmbH		X	AS44700
926	Westelcom Internet, Inc.		X	AS11722
927	Cadence Networks Ltd		X	AS47638
928	INTERDNESTRKOM, Sovmestnoe Zakrytoe Aktsionernoe Obshchestvo		X	AS1547
929	GoDaddy.com, LLC		X	AS397515
930	KIFU (Governmental Info Tech Development Agency)		X	AS1955
931	APNIC ASN block			AS38230
932	Marston's Telecoms Limited		X	AS61124
933	Bouygues Telecom SA		X	AS5410
934	AS-FIBRECOMM-MY- Internet Service Provider		X	AS45630
935	Kaopu Cloud HK Limited		X	AS138915
936	Tierzero		X	AS11509
937	Ekaterinburg-2000 LLC		X	AS31499
938	SEDO GmbH		X	AS47846
939	The Mastermind Holding B.V.			AS44103
940	Vitrifi Limited		X	AS211393
941	Twitch Interactive Inc.		X	AS46489
942	Mod Mission Critical LLC		X	AS39855
943	Jack Fillan		X	AS207080
944	HOSTERION SRL		X	AS43927
945	Quality Technology Services, LLC		X	AS11767
946	INTERNET CZ, a.s.		X	AS24806
947	Allay Nawroz Telecom Company for Communication/Ltd.		X	AS21277
948	Axtel S.A.B. de C.V.		X	AS6503
949	Petrus Spolka z ograniczona odpowiedzialnoscia		X	AS44914

1042	Ivstar Ltd		X	AS29588
1043	Active Network S.p.A.		X	AS197075
1044	Joe Wheeler EMC		X	AS399049
1045	Xiufeng Guo		X	AS210937
1046	CHINA TELECOM (AMERICAS) CORPORATION		X	AS36678
1047	MidSouth Fiber		X	AS398203
1048	United Data Technologies, Inc.		X	AS20335
1049	NETASSIST LLC		X	AS398698
1050	Crave Technologies Ltd.		X	AS394501
1051	Ministero della Difesa		X	AS210026
1052	Krystal Hosting Ltd		X	AS12488
1053	Cygrids Communications AB		X	AS34941
1054	Filanco Ukraine Ltd.		X	AS57455
1055	1Access Sweden AB		X	AS57773
1056	Skynet sp. z o.o.		X	AS41966
1057	Oscar Music & Media Ltd.		X	AS47998
1058	GLOBALHOSTINGSOLUTIONS INC		X	AS395512
1059	Nuclearfallout Enterprises, Inc.		X	AS14586
1060	LayerHost		X	AS397086
1061	TELFAX COMMUNICATIONS SARL		X	AS209255
1062	terralink networks GmbH		X	AS59507
1063	Keepit A/S		X	AS211633
1064	Expereo International BV		X	AS15695
1065	IG Index Ltd.		X	AS30931
1066	Omniva LLC		X	AS40785
1067	Stiegeler Internet Service GmbH		X	AS200924
1068	Aruba S.p.A.		X	AS205727
1069	BNS		X	AS399521
1070	VODAFONE ESPANA S.A.U.		X	AS12430
1071	Fiber Utility Network, Inc.		X	AS40463
1072	Adjust GmbH		X	AS61273
1073	Cablemas Telecomunicaciones SA de CV		X	AS28509
1074	PricewaterhouseCoopers GmbH WPG		X	AS50061
1075	GULFSATCOMMUNICATIONS COMPANY K.S.C.		X	AS25122
1076	Rozint Ltd Co			AS25759
1077	MD6 Consulting SASU		X	AS39567
1078	PERFECT INTERNATIONAL		X	AS22439
1079	Empirical Networks, Ltd.		X	AS23948

1076	Rozint Ltd Co			AS25759
1077	MD6 Consulting SASU		X	AS39567
1078	PERFECT INTERNATIONAL		X	AS22439
1079	Empirical Networks, Ltd.		X	AS29948
1080	STACKS INC		X	AS398704
1081	Udasha S.A.		X	AS263744
1082	Grifonline S.r.l.		X	AS43942
1083	Planisware SAS		X	AS205845
1084	Unitas Global		X	AS11855
1085	EOLO S.p.A.		X	AS35612
1086	Pudu, LLC		X	AS47689
1087	BOLIGNET A/S		X	AS44134
1088	Fastly, Inc.		X	AS54113
1089	North Georgia Network Cooperative, Inc.		X	AS54665
1090	KDDI America Inc.		X	AS4459
1091	FullSpace Ltd.		X	AS201495
1092	Race Tech, LLC		X	AS30041
1093	Societe Internationale de Telecommunications Aeronautiques		X	AS198912
1094	JSC Selectel		X	AS50340
1095	Elna Paulette Lafortune trading as INNETRA PC		X	AS58349
1096	Tulix Systems, Inc.		X	AS7219
1097	Corporacion Laceibanetsociety		X	AS263740
1098	crossconcept GmbH		X	AS202784
1099	WIFIWEB s.r.l.		X	AS47927
1100	Svyaz-Energo Ltd.		X	AS50477
1101	Xaccel Networks LLC		X	AS33089
1102	Guadalupe Valley Telephone Cooperative, Inc.		X	AS16527
1103	Voxology Carrier Services, Inc.		X	AS40165
1104	NSONE INC.		X	AS136468
1105	Worldline IGSA SA		X	AS47957
1106	ArtPlanet LLC		X	AS49542
1107	Chaika Telecom Petersburg Limited Company			AS42339
1108	Artfiles LLC		X	AS394923
1109	FLOWBIRD SAS		X	AS49920
1110	Alphalink SASU		X	AS25540
1111	WhiteSky Communications, LLC.		X	AS62887

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1110	Alphalink SASU		X	AS25540
1111	WhiteSky Communications, LLC.		X	AS62887
1112	ML Consultancy		X	AS9150
1113	Thales Cloud Securise SAS		X	AS203532
1114	cmcnetworks		X	AS25818
1115	FriendFinder Networks Inc		X	AS25875
1116	Velocihost Inc.		X	AS63452
1117	Rambler Internet Holding LLC		X	AS24638
1118	NETSTAR (SG) PTE. LTD.		X	AS10122
1119	Weebly, Inc.		X	AS27647
1120	eStruxture Data Centers Inc.		X	AS55066
1121	Cisco Webex LLC		X	AS13445
1122	UAB Cherry Servers		X	AS204770
1123	Texa S.p.A.		X	AS206459
1124	Netversor GmbH		X	AS200081
1125	Zone Media OU		X	AS49604
1126	Excedo Networks AB		X	AS199150
1127	Hondutel		X	AS7727
1128	EMDYN AG		X	AS200308
1129	DATAPRO Limited Liability Company		X	AS200161
1130	43/F, AIA Tower, 183 Electric Road, North Point, Hong Kong		X	AS63981
1131	GRAIN COMMUNICATIONS LIMITED		X	AS199468
1132	Telefonaktiebolaget L M Ericsson		X	AS28852
1133	BPS Networks		X	AS36243
1134	West Chester University of Pennsylvania			AS29848
1135	retarus GmbH		X	AS48328
1136	SHOPEE SINGAPORE PRIVATE LIMITED		X	AS137831
1137	Netsec Limited		X	AS45753
1138	QualityHosting AG		X	AS25260
1139	MIFFLIN COUNTY WIRELESS LLC		X	AS11059
1140	Wantech AB		X	AS39648
1141	SolidNetwork Technologies, Inc.		X	AS14401
1142	Contabo Asia Private Limited		X	AS141995
1143	CloudCall LTD		X	AS197669
1144	Corporate Internet Service Provider LLC			AS59793
1145	InMotion Hosting, Inc.		X	AS3842

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1145	InMotion Hosting, Inc.		X	AS3842
1146	Telegram Messenger Inc		X	AS59930
1147	CloudNX		X	AS139648
1148	Aruba SAS		X	AS199653
1149	NSONE Inc		X	AS62597
1150	Pinterest, Inc.		X	AS53620
1151	Total Uptime Technologies, LLC		X	AS53334
1152	Melita Limited		X	AS12709
1153	Code BGP Single Member P.C.		X	AS50414
1154	Trenka Informatik AG		X	AS29655
1155	SBA Edge, LLC		X	AS19844
1156	Iron Mountain Data Center		X	AS395174
1157	Norrlands Online AB (publ)		X	AS211434
1158	Falcore Investments Pty Ltd		X	AS148968
1159	Cable Bahamas		X	AS15146
1160	Aruba SAS		X	AS200185
1161	proinity GmbH		X	AS44239
1162	4Tel Telekomunikacije d.o.o.		X	AS203964
1163	Vianova S.p.A		X	AS21056
1164	Telia Cygate AB		X	AS197308
1165	TimeWeb Ltd.		X	AS9123
1166	UnitedLayer, LLC		X	AS399817
1167	AIRESPRING, INC.		X	AS26375
1168	Geckonet Sp. z o. o.		X	AS198401
1169	CentroSet Ltd.		X	AS49124
1170	IPIPE International, Corp.		X	AS400513
1171	JWE S.a r.l.		X	AS34655
1172	Internetport Sweden AB		X	AS49770
1173	REI MIMURA			AS199266
1174	VMCity LLC		X	AS51093
1175	BARTOSZ WASZAK trading as HOSTEAM S.C. TOMASZ GROSZEWSKI BARTOSZ WASZAK LUKASZ GROSZEWSKI		X	AS51290
1176	APPRISS INC		X	AS19783
1177	Soluciones Favorables		X	AS263821
1178	ITSG Informationstechnische Servicestelle der Gesetzlichen Krankenversicherung GmbH		X	AS204188
1179	M-Networks Sp. z o.o.		X	AS198611

1247	Svea Internet AB		X	AS209576
1248	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS58011
1249	Beaming Ltd		X	AS48620
1250	Edge Technology Plus d.o.o. Beograd		X	AS208398
1251	Gigaclear Limited		X	AS56329
1252	LoadEdge Limited		X	AS32708
1253	Zen Internet Ltd		X	AS13037
1254	Kakao Corp		X	AS10158
1255	ALTICE DOMINICANA S.A.		X	AS28118
1256	SISTEMAS Y SOLUCIONES DE CAMPECHE SAS DE CV		X	AS265583
1257	PacketHub S.A.		X	AS147049
1258	SPIE ICS SASU		X	AS204273
1259	TriOptima AB		X	AS28931
1260	Dailymotion S.A.		X	AS41690
1261	Complior AB		X	AS49949
1262	Konica Minolta Business Solutions Europe GmbH		X	AS25068
1263	Abzieher GmbH		X	AS205929
1264	Sat-Trakt D.O.O.		X	AS41897
1265	UNMANAGED LTD		X	AS47890
1266	NetUSE AG		X	AS5605
1267	Mega Limited		X	AS199124
1268	Unwired Broadband, LLC		X	AS33548
1269	Broadcasting Center Europe (an RTL Group Company)		X	AS25273
1270	Proofpoint, Inc.		X	AS22843
1271	PacketHub S.A.		X	AS207137
1272	Conapto AB		X	AS49079
1273	ITAF BVBA		X	AS49285
1274	Sistemas Inalambricos S.A		X	AS264676
1275	DODW Holding B.V.		X	AS61029
1276	Irontrust Networks		X	AS7775
1277	Tcloudnet		X	AS399077
1278	NovoServe LLC		X	AS939
1279	Union Wireless		X	AS29946
1280	Tralios IT GmbH		X	AS216331
1281	ADVANCED KNOWLEDGE NETWORKS		X	AS14453
1282	ANTIK Telecom s.r.o		X	AS42841
1283	WINP A/S		X	AS207934
1284	Net-Ed-Soft GmbH		X	AS27537

1212	Spacelink Systems		X	AS21623
1213	Plus Hosting Grupa d.o.o.			AS12417
1214	ELASTX AB			AS48579
1215	Ministerie van Veiligheid en Justitie		X	AS35709
1216	Backbone Solutions AG		X	AS13250
1217	RUCOMTECH LLC		X	AS207133
1218	Tiggee LLC		X	AS16552
1219	Sedmi Odjel d.o.o.		X	AS198785
1220	Waddell Solutions Group LLC		X	AS12243
1221	DoclerWeb Informatikai Kft.			AS47381
1222	objx.net, LLC		X	AS33333
1223	Age of Learning, Inc.		X	AS395423
1224	TAQNIA SPACE CO.		X	AS42411
1225	Zhengzhou longling technology ltd.		X	AS133952
1226	IT011 d.o.o			AS43608
1227	VADAVO SOLUCIONES SL		X	AS5505
1228	INDIKOM LLC		X	AS59584
1229	MOJOHOST B.V.		X	AS42567
1230	Providus d.o.o.		X	AS43191
1231	Connective Online Limited		X	AS39175
1232	IT-Total Sweden AB		X	AS8769
1233	Clair Global		X	AS400400
1234	CloudCall Inc		X	AS32334
1235	Digital Transformation Plus LLC		X	AS60476
1236	Index Exchange Inc.		X	AS27381
1237	catalyst2 Services Limited		X	AS29636
1238	Societe Internationale de Telecommunications Aeronautiques		X	AS205080
1239	COEFICIENTE COMUNICACIONES		X	AS265524
1240	Oracle Corporation		X	AS1218
1241	Quality Technology Services, LLC		X	AS46742
1242	ILK Internet.Gmbh		X	AS12480
1243	Telconet S.A		X	AS264788
1244	Eastern Telecoms Phils., Inc.		X	AS9658
1245	9STONE LLC		X	AS399078
1246	Netrouting, Inc.		X	AS63339
1247	Svea Internet AB		X	AS209578
1248	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS58011
1249	Beamimg Ltd		X	AS13320

1179	M-Net Networks Sp. z o.o.		X	AS198811
1180	Globo Comunicacao e Participacoes SA		X	AS28604
1181	Europeer Ltd.		X	AS202746
1182	Stadt Zuerich, Organisation und Informatik		X	AS201319
1183	Voipedit Wholesale BV		X	AS204805
1184	BASIS LLC		X	AS206767
1185	Academia Sinica		X	AS9264
1186	Edgecast Inc.		X	AS14210
1187	Gastabudstaden AB		X	AS43012
1188	Base IP B.V.		X	AS34305
1189	Rapiddot Hosting Services Ltd		X	AS202954
1190	Akamai International B.V.		X	AS31108
1191	LLC VK		X	AS47764
1192	Dr.-Ing. Nepustil & Co. GmbH Internet Service Center Ingenieurgesellschaft fuer Systemsoftware und Kommunikationstechnik		X	AS12502
1193	Telx		X	AS53939
1194	Nuclearfallout Enterprises, Inc.		X	AS400475
1195	KISSGROUP SAS		X	AS215596
1196	UnitedLayer, LLC		X	AS399814
1197	Evolution NetEnt (Gibraltar) Limited.			AS199926
1198	TODAS LAS REDES SA		X	AS264856
1199	Sona Business B.V.		X	AS60022
1200	Jungheinrich AG		X	AS212961
1201	Global Radio Limited		X	AS39202
1202	Blizzard Entertainment, Inc		X	AS57976
1203	SamsungSDS Inc.		X	AS6619
1204	ESCOM Ltd. - Haskovo		X	AS25374
1205	Volkswagen Financial Services Overseas AG		X	AS205505
1206	bn:t Blatzheim Networks Telecom GmbH		X	AS20886
1207	Dimensione S.r.l.		X	AS202876
1208	Stephan Rakowski, trading as CSN Solutions e.K.		X	AS212341
1209	Nominet UK		X	AS43519
1210	Redpill Linpro AS		X	AS39029
1211	HOSTPALACE DATACENTERS LTD		X	AS60064
1212	Spacelink Systems		X	AS21623
1213	Plus Hosting Grupa d.o.o.			AS12417
1214	Ministerio van Veiligheid en Justitie		X	AS25700

1283	WIND AS		X	AS207935
1284	Net-D-Sign GmbH		X	AS57537
1285	El Salvador Network, S. A.		X	AS16906
1286	TIS Dialog LLC		X	AS31214
1287	Stellar PCS GmbH		X	AS35207
1288	George Mason University		X	AS11279
1289	Swiss Networking Solutions AG		X	AS60486
1290	NuCDN LLC		X	AS23393
1291	Bitmax, Inc.		X	AS18646
1292	Clearstream Technology Ltd		X	AS59455
1293	Daimler Truck AG		X	AS205627
1294	Booking.com BV		X	AS43996
1295	ANTEMETA SAS		X	AS201085
1296	Kaspersky Lab Switzerland GmbH		X	AS200107
1297	Relsoft communications Ltd.			AS43776
1298	EDGEAM LLC		X	AS201585
1299	Atman Sp. z o.o.		X	AS24723
1300	Remote24 AB		X	AS199544
1301	Xserver Inc.		X	AS131965
1302	Interface Services LLC		X	AS210015
1303	ETL Company Limited		X	AS10226
1304	Rakuten Inc		X	AS54058
1305	Keepit A/S		X	AS213054
1306	HOR.NET Polska Sp.z o.o.		X	AS34254
1307	Tutao GmbH		X	AS210905
1308	National Internet Backbone		X	AS9829
1309	NTC ASIA LIMITED		X	AS135273
1310	SwissIX Internet Exchange		X	AS20612
1311	DomoLAN Ltd.		X	AS49368
1312	Zoom Video Communications, Inc		X	AS30103
1313	LTech Solutions, Ltd.		X	AS39937
1314	Cyso Group B.V.		X	AS25151
1315	F2X Operator B.V.		X	AS57112
1316	Home Telephone Company, Inc.		X	AS16863
1317	LeaseWeb Netherlands B.V.		X	AS60781
1318	CONSOLE SRL		X	AS49703
1319	ICANN		X	AS20144

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1317	LeaseWeb Netherlands B.V.		X	AS60781
1318	CONSULTIC SRL		X	AS49703
1319	ICANN		X	AS20144
1320	team.blue Denmark A/S		X	AS43220
1321	Chevron Corporation		X	AS7862
1322	OVIS IT Consulting GmbH		X	AS48303
1323	Asteo Red Neutra SL		X	AS210612
1324	MOD Mission Critical, LLC		X	AS54103
1325	Northern Data AG		X	AS59437
1326	TESLATEL LLC		X	AS50313
1327	Brandl Services GmbH		X	AS39090
1328	Aervivo, Inc		X	AS399672
1329	PJSC Vimpelcom		X	AS8402
1330	Utah Broadband LLC		X	AS32808
1331	Leonet Group GmbH		X	AS197524
1332	TPx Communications		X	AS11915
1333	DeepL SE		X	AS60550
1334	LinkedIn Corporation		X	AS13443
1335	EuroByte LLC		X	AS210079
1336	CloudFerro S.A		X	AS200217
1337	I.P. Integration Limited		X	AS39208
1338	Gdlicanet, S.A. de C.V.		X	AS28408
1339	Digital Fortress			AS6423
1340	TAS France SAS		X	AS8554
1341	Marlink AS		X	AS5377
1342	TIMEWARP IT Consulting GmbH		X	AS207203
1343	LLC Wildberries		X	AS57073
1344	P.A.K.T LLC		X	AS39087
1345	Netzwerke GmbH		X	AS199936
1346	AS48707 OPS PL sp. z o.o.		X	AS48707
1347	Red Matter Limited		X	AS209636
1348	Acronis		X	AS53991
1349	MTX Connect S. a r.l.		X	AS61327
1350	TDF SASU		X	AS43646
1351	Greysom Limited		X	AS12678
1352	San Francisco Metropolitan Internet Exchange (SFMIX)		X	AS12276

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Greysom Limited

San Francisco Metropolitan Internet Exchange (SFMIX)

Interserver, Inc

Extrahost s.r.o

HDCO GROUP SRL

United Cooperative Services

Currenta GmbH & Co. OHG

Planet Networks

ZSCALER, INC.

Fenice Telekom Grupa d.o.o.

Binero AB

Digital Frankfurt GmbH

Tsyapa Oleg Anatolyevich

Global Network Point LLC

eBay, Inc

Com4 AS

trivago N.V.

BiMajLink d.o.o.

Taboola.com ltd

LANTOINTERNET SA DE CV

University of Iowa

Telekomunikacije Republike Srpske akcionarsko drustvo Banja Luka

StackPath ABC, LLC

FORTEX CJSC

GeoLinks

adjust

Foothills Broadband, LLC

Kering Eyewear S.p.A.

Support Servers LLC

Level3 Carrier Ltd.

Easynet S.P.A.

Stephan Fuss trading as SoftCom Datensysteme

Automattic, Inc

SEWAN SAS

Leisener Data AG

LF.net Netzwerksysteme GmbH

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AS22616

AS204020

AS35041

AS48152

AS208003

AS205956

AS62955

AS57660

AS198016

AS62255

AS200476

AS265561

AS3676

AS25144

AS33438

AS48166

AS54483

AS396536

AS54696

AS202617

AS205763

AS58682

AS21454

AS12759

AS2635

AS8399

AS49292

AS12374

1417	Proofpoint, Inc.		X	AS13916
1418	WEDOS Internet, a.s.		X	AS208414
1419	Gibtelecom Ltd.		X	AS8301
1420	NetFire sp. z o. o.		X	AS199540
1421	Evocative, Inc.		X	AS18672
1422	HawkNet Labs Pty Ltd			AS153346
1423	Duisburger Versorgungs- und Verkehrsgesellschaft mbH		X	AS206141
1424	LiveSport s.r.o.		X	AS52130
1425	Evalse, LLC		X	AS40916
1426	PURtel.com GmbH		X	AS62336
1427	Yandex.Cloud LLC		X	AS200350
1428	Canonical Group Limited		X	AS41231
1429	Monetra Technologies LLC		X	AS394887
1430	e-planning		X	AS399668
1431	Bellnet Limited		X	AS20521
1432	Riot Games, Inc		X	AS6507
1433	Unitas Global		X	AS13790
1434	Raiffeisen Informatik GmbH & Co KG		X	AS24864
1435	GorillaServers, Inc.		X	AS53850
1436	Orange S.A.		X	AS2280
1437	EMP SECURE AS		X	AS28824
1438	Lime HD LLC		X	AS47481
1439	Wikimedia Foundation Inc.		X	AS14907
1440	VTX Communications LLC		X	AS17293
1441	2provide GmbH		X	AS44656
1442	UnitedLayer, LLC		X	AS399819
1443	Geneanet SAS		X	AS209323
1444	Adams CATV, Inc		X	AS14928
1445	Clearfly Communications		X	AS27400
1446	ISP Service eG		X	AS198816
1447	Connectria		X	AS11734
1448	Quality Technology Services, LLC		X	AS29748
1449	Lightspeed Networks Ltd		X	AS210892
1450	Shadwell International Inc		X	AS27930
1451	APNIC ASN block		X	AS7483
1452	Multiplay Sp. z o.o. Sp. K.		X	AS51175
1453	EVALLT INCORPORATED		X	AS22459
1454	Centiglobe, Inc.		X	AS14693

1451	APNIC ASN block		X	AS7483
1452	Multiplay Sp. z o.o. Sp. K.		X	AS51175
1453	EVAULT INCORPORATED		X	AS33459
1454	Centrilogic, Inc.		X	AS19693
1455	MTI Teleport Muenchen GmbH Gesellschaft fur Satellitenubertragungen		X	AS199421
1456	ClearMedia AG		X	AS49489
1457	CTCSCI TECH LIMITED		X	AS9886
1458	OpenXS GmbH		X	AS3331
1459	Webpass Inc.		X	AS19165
1460	AtNOC GmbH		X	AS35339
1461	Icewood LLC		X	AS201119
1462	Telenor Connexion AB		X	AS49222
1463	InTouch Health		X	AS395355
1464	Evolution NetEnt (Gibraltar) Limited.			AS196904
1465	CBS Interactive Inc.		X	AS6623
1466	Radware Ltd		X	AS48851
1467	HUNTEL.NET		X	AS16604
1468	GTT Communications Inc.		X	AS286
1469	Uniontel Ltd		X	AS48293
1470	Richie Ltd		X	AS60354
1471	EDGOO NETWORKS UNIPessoal LDA			AS47787
1472	Turn Inc.		X	AS6336
1473	AS STV		X	AS61307
1474	AirIT Services GmbH		X	AS49220
1475	MorePeering		X	AS399794
1476	Broadband Visions, LLC		X	AS25615
1477	Leaseweb USA, Inc.		X	AS19148
1478	Nuclearfallout Enterprises, Inc.		X	AS32374
1479	Wish		X	AS400274
1480	RUTRONIK Elektronische Bauelemente GmbH		X	AS48132
1481	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA FUENTEALPIA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803

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1385	Leissner Data AB		X	AS49292
1386	LF.net Netzwerksysteme GmbH		X	AS12374
1387	JSC Netline		X	AS12739
1388	bol.com BV			AS199406
1389	SD1-Telecom SRL		X	AS201042
1390	Mobile Telecommunication Company Saudi Arabia Joint-Stock company		X	AS43766
1391	Ori Industries 1 Limited		X	AS50489
1392	ExaCloud Factory, S.L.		X	AS212755
1393	Wifx SA		X	AS199811
1394	Amobee EMEA Limited		X	AS56396
1395	E-CAPS D.O.O		X	AS203752
1396	Krypt Technologies		X	AS35908
1397	Telx		X	AS53933
1398	Madrone Technology Group Inc.		X	AS397945
1399	Datacenter Luxembourg S.A.		X	AS203055
1400	Salt Mobile SA		X	AS15796
1401	APNIC ASN block		X	AS136897
1402	Ntirety, Inc.		X	AS20021
1403	PVDataNet AB		X	AS42201
1404	Leaseweb USA, Inc.		X	AS394380
1405	NOVACONN SRL		X	AS203462
1406	Proofpoint, Inc.		X	AS26211
1407	TEXTPLUS, INC.		X	AS53981
1408	Limited Liability Company MVM Technology		X	AS41349
1409	Sky Italia srl		X	AS60772
1410	Bredband2 Bredbandsson AB		X	AS62183
1411	Luxembourg House of Cybersecurity		X	AS197869
1412	PC ONLINE		X	AS270179
1413	Proofpoint, Inc.		X	AS52129
1414	Suomi Communications Oy		X	AS206364
1415	IBASIS INC.		X	AS14616
1416	equada network GmbH		X	AS25220
1417	Proofpoint, Inc.		X	AS13916
1418	WEDOS Internet, a.s.		X	AS208414
1419	Gibtelecom Ltd.		X	AS8301
1420	Executive, Inc.		X	AS18672

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1512	Remedy Enterta			
1513	iptoX GmbH			
1514	NSONE Inc		X	AS395402
1515	Advania Sverige AB		X	AS57208
1516	North Texas Fiber, Inc		X	AS397161
1517	Wanstor Ltd		X	AS2589
1518	BIF IV		X	AS394056
1519	PEG TECH INC		X	AS54600
1520	Gameforge 4D GmbH		X	AS47195
1521	Mada Al-Arab General Services Company		X	AS51407
1522	Enix SAS		X	AS48813
1523	Expereo International BV		X	AS202120
1524	Covered Bridge Data, LLC		X	AS397774
1525	Highline Services, LLC		X	AS32798
1526	Softnet Limited		X	AS135156
1527	NetActuate, Inc		X	AS36236
1528	Bezeq- THE ISRAEL TELECOMMUNICATION CORP. LTD.		X	AS6810
1529	America Movil Peru S.A.C.		X	AS12252
1530	Dustin NL B.V.		X	AS28788
1531	Keepit A/S		X	AS9120
1532	Connect It Networks		X	AS54509
1533	Prime Telecom srl		X	AS39737
1534	ETN Internet GmbH & Co. KG		X	AS44180
1535	BNW TECHNOLOGY LTD		X	AS34442
1536	XK NET S.A. DE C.V.		X	AS265619
1537	MyRepublic Ltd.		X	AS132132
1538	ITS akciova spolecnost		X	AS48417
1539	Campus, Hofnetz & Events GmbH		X	AS50324
1540	Prager Connect GmbH		X	AS57878
1541	LIWEST Kabelmedien GmbH		X	AS12605
1542	Akamai Technologies, Inc.		X	AS35994
1543	Citizens Telephone Cooperative		X	AS16942
1544	VIXLY AS		X	AS44654
1545	VNext AB		X	AS44176
1546	KAEMI GmbH		X	AS51834
1547	NSFOCUS, Inc.		X	AS8757
1548	VEV Romerike AS		X	AS43568
1549	SCALEWAY S.A.S.		X	AS12876
1550	Vodafone GmbH		X	AS3209
1551	Xandr Inc.		X	AS29990



1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Meteverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215855
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	Advania Sverige AB		X	AS57208
1516	North Texas Fiber, Inc		X	AS397161
1517	Wanstor Ltd		X	AS2589
1518	BIF IV		X	AS394056
1519	PEG TECH INC		X	AS54600
1520	Gameforge 4D GmbH		X	AS47195
1521	Mada Al-Arab General Services Company		X	AS51407



1547	NSFOCUS, Inc		X	AS43568
1548	VEV Romerike AS		X	AS12876
1549	SCALEWAY S.A.S.		X	AS3209
1550	Vodafone GmbH		X	AS29990
1551	Xandr Inc.		X	AS29182
1552	JSC IOT		X	AS16880
1553	TREND MICRO INCORPORATED		X	AS33932
1554	Minorisa de Sistemas Informaticos y de Gestion, S.L.		X	AS40470
1555	Protected.CA Inc.		X	AS9584
1556	Diyixian.com Limited		X	AS39496
1557	Quality Technology Services, LLC		X	AS39625
1558	iboss,inc		X	AS61170
1559	SmartLabs Holding Ltd		X	AS13132
1560	cyberways Informationsdienste GmbH		X	AS19769
1561	CBlue SPRL		X	AS16143
1562	OOO NIIR-RadioNet		X	AS34564
1563	Gothaer Systems GmbH		X	AS25148
1564	ORANGE BUSINESS DIGITAL NORWAY AS		X	AS5603
1565	Telekom Slovenije, d.d.			AS20101
1566	P4 Sp. z o.o.		X	AS3226
1567	OOO NI		X	AS13905
1568	LEGEND DYNASTY PTE. LTD.		X	AS20303
1569	BAM Broadband Opco, LLC		X	AS57169
1570	EDIS GmbH		X	AS42925
1571	Internet Rimon LTD		X	AS8375
1572	Telehouse Deutschland GmbH		X	AS20584
1573	Dominik Pohl		X	AS3900
1574	SWITCH, LTD		X	AS12996
1575	Domeneshop AS		X	AS25956
1576	Alpheus Data Services, L.L.C.		X	AS43341
1577	MDlink online service center GmbH		X	AS20396
1578	aiticon GmbH		X	AS21080
1579	pronexon GmbH		X	AS40237
1580	United Telephone Company		X	AS20518
1581	Adjust GmbH		X	AS16128
1582	AGARIK SAS		X	AS33962
1583	Citytelecom LLC		X	AS9085
1584	SUPERMEDIA Sp.z.o.o.		X	AS28394
1585	Bicentel SA de CV		X	





1660	Prime creation	November 5, 2024 10:08 PM			
1661	1651884 Ontario				AS400029
1662	GiTy, a.s.			X	AS29086
1663	PT INDONESIA COMNETS PLUS			X	AS38757
1664	DigitalMonks LLC			X	AS400006
1665	Bicom Systems Limited			X	AS201902
1666	Dr.-Ing. Nepustil & Co. GmbH Internet Service Center Ingenieurgesellschaft fuer Systemsoftware und Kommunikationstechnik			X	AS33843
1667	UpCloud USA Inc			X	AS25697
1668	IGT LOTTERY S.P.A.			X	AS35574
1669	Tarr Kft.			X	AS8462
1670	Megaport (UK) Limited			X	AS49915
1671	Tilaa B.V.			X	AS196752
1672	netgo tax GmbH			X	AS58323
1673	SOFTLINE PJSC				AS47723
1674	BEDGE CO LIMITED			X	AS63139
1675	Dropbox, Inc.			X	AS19679
1676	Webhuset AS			X	AS39783
1677	Public Telecommunication Corporation			X	AS30873
1678	Netsite A/S			X	AS205206
1679	Orion Network Limited			X	AS58065
1680	RhythmOne, LLC			X	AS26120
1681	SOUTH DAKOTA NETWORK			X	AS393417
1682	Afilias, Inc.			X	AS12041
1683	Ericsson Inc.			X	AS158
1684	P-KOM Telekommunikationsgesellschaft mbH			X	AS209707
1685	ACEVILLE PTE.LTD.			X	AS139341
1686	Internet Systems Consortium, Inc.			X	AS30132
1687	Orion Network Limited			X	AS41564
1688	EBOX			X	AS1403
1689	Connectria, LLC			X	AS60154
1690	NEXUSGUARD LIMITED			X	AS45474
1691	Sumofiber			X	AS4226
1692	WEMACOM Telekommunikation GmbH			X	AS51978
1693	Net Solutions - Consultoria Em Tecnologias De Informacao, Sociedade Unipessoal LDA			X	AS47674
1694	Leaseweb Deutschland GmbH			X	AS28753
1695	ADDIX GmbH			X	AS25415
1696	IP Transit Inc.			X	AS46786
1697	GoDaddy.com, LLC			X	AS208107
1698	QAP Cherry Servers			X	AS22042



1621	Disney Streami		X	AS22604
1622	TPx Communica		X	AS14200
1623	Cooperative Connection, LLC		X	AS39844
1624	CDS Global Cloud Co., Ltd		X	AS63199
1625	Centrilogic Ltd		X	AS44332
1626	ArubaCloud Limited		X	AS19988
1627	TIMOCOM GmbH		X	AS24909
1628	RADWARE INC.		X	AS25773
1629	Sonic.net, LLC		X	AS7065
1630	Junction Networks, Inc.		X	AS40185
1631	Flex Ltd.		X	AS21453
1632	Stellar Technologies Inc.		X	AS14525
1633	OOO Kolpinski Internet-Seti			AS47211
1634	VSIX.FR		X	AS29774
1635	VOIP-UN LIMITED		X	AS42004
1636	Private Host BV		X	AS56898
1637	Hostinger International Limited		X	AS47583
1638	Okay-Telecom Ltd.		X	AS19966
1639	Roman Franz Dissauer trading as RDI Solutions e.U.		X	AS211510
1640	Network Research Belgium S.A.		X	AS12942
1641	KOMPaaS.tech Kft		X	AS59949
1642	The Rubicon Project, Inc.		X	AS26667
1643	mnemonic AS		X	AS48469
1644	CZ.NIC, z.s.p.o.		X	AS200070
1645	UpCloud Ltd		X	AS202053
1646	SOCIAL MARKETING AND PROMOTIONS S.A. DE C.V.		X	AS265840
1647	IT Vocal LLC		X	AS32478
1648	Open Infra ISP Production International AB		X	AS207821
1649	Nicepeopleatwork, S.L.		X	AS207415
1650	Apica AB			AS51307
1651	LLC Intercom		X	AS50966
1652	INTERSPACE DOOEL Skopje		X	AS200895
1653	MEGA Cloud Services Limited		X	AS205809
1654	Indigo Integrated Solutions Limited		X	AS44205
1655	P/F Telefonverkid		X	AS15389
1656	Optimizely AB		X	AS30811
1657	Qwilt Inc.		X	AS20253
1658	WANSecurity, Inc.		X	AS1421
1659	TechniData TCC Products GmbH		X	AS49024
1660	Prime creation events SAS		X	AS211733
1661	165 1661 Ontario Inc.		X	AS40028



1583	Citytelecom LLC		X	AS33908
1584	SUPERMEDIA Sp.z.o.o.		X	AS9085
1585	Bicentel SA de CV		X	AS28394
1586	Moody's Corp.		X	AS17350
1587	STELLAR Broadband		X	AS10423
1588	NETPROTECT PHX		X	AS13926
1589	Zattoo AG		X	AS8302
1590	JSC Avantel		X	AS25549
1591	OEC Fiber		X	AS53449
1592	Acronis International GmbH		X	AS35793
1593	B.Root-Server-OPS		X	AS39435
1594	Amisol GmbH		X	AS20955
1595	Frank Scholl trading as xpoundit GBR		X	AS39892
1596	Continent 8 LLC		X	AS14537
1597	FORWEB S.C. Monika Bodetko, Tomasz Pawlowski		X	AS33951
1598	METRO Digital GmbH		X	AS39290
1599	ALTAN REDES, S.A.P.I. de C. V.		X	AS26554
1600	VIETTEL PER S.A.C.		X	AS26221
1601	Leaseweb USA, Inc.		X	AS39636
1602	dcBLOX, Inc.		X	AS39556
1603	Peerless Network Inc		X	AS21808
1604	CBXNET combox internet GmbH		X	AS12512
1605	Młodzieżowa Spółdzielnia Mieszkaniowa		X	AS30923
1606	APNIC ASN block		X	AS63949
1607	Aerux LLP		X	AS63270
1608	netsapiens		X	AS39749
1609	Tracity Inc.		X	AS27908
1610	BBC		X	AS2818
1611	Vereinigte Stadtwerke Media GmbH		X	AS19893
1612	FastNet International Ltd		X	AS12519
1613	Internetnord AB		X	AS20677
1614	NCT CO.,LTD.		X	AS59126
1615	Unitas Global		X	AS10912
1616	Leaseweb USA, Inc.		X	AS39595
1617	Xenius BVBA		X	AS20314
1618	GVEC.net, LLC		X	AS18859
1619	Universum bit Ltd.		X	AS48822
1620	WILO SE		X	AS20892
1621	Disney Streaming Services		X	AS22604



1694	Leaseweb Deur		X	AS46786
1695	ADDIX GmbH			
1696	IP Transit Inc.		X	AS398107
1697	GoDaddy.com, LLC		X	AS59642
1698	UAB Cherry Servers		X	AS43515
1699	Google Ireland Limited		X	AS44444
1700	Forcepoint Cloud Ltd		X	AS50272
1701	AVUR AS		X	AS36459
1702	GitHub, Inc.		X	AS207161
1703	Nagravision SA		X	AS215782
1704	Keepit A/S		X	AS60733
1705	ZORAN PEROVIC trading as Agencija Perke.NET		X	AS13837
1706	Point5 Managed Services, LLC		X	AS396106
1707	Consolidated Smart Systems LLC		X	AS208041
1708	Rafal Rajba trading as INTERTELL			
1709	Korporativniy partner Ltd		X	AS51579
1710	LLC IT Business		X	AS215116
1711	Bytedance Inc.		X	AS396986
1712	Dialpad, Inc.		X	AS134521
1713	LiveOak Fiber		X	AS395035
1714	Zscaler Switzerland GmbH		X	AS62044
1715	Axpo Systems AG		X	AS60284
1716	Booking.com BV		X	AS202196
1717	Weblin Services Inc		X	AS29757
1718	OOO 24 chasa TV		X	AS50775
1719	Logosnet Services Limited		X	AS5504
1720	Freja eID Group AB		X	AS205916
1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS210333
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS1338

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1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS21033
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS4538
1735	Luke Eiji Granger-Brown		X	AS205479
1736	Centrilogic, Inc.		X	AS31863
1737	Ansible Networks, LLC		X	AS14570
1738	Istqrar for Servers Services Ltd		X	AS211826
1739	Atlantic LLC.		X	AS204600
1740	Censys, Inc.		X	AS398705
1741	NortonLifeLock Inc.		X	AS16733
1742	EZE Castle Integration Inc.		X	AS14717
1743	link-lab GbR Schmidt Waehlich		X	AS51224
1744	Inteliglobe USA, Inc.		X	AS16921
1745	KOREX networks, s.r.o.		X	AS57710
1746	Hetzner Online GmbH		X	AS213230
1747	Citytelecom LLC		X	AS28762
1748	ACD.net		X	AS14103
1749	GoDaddy.com, LLC		X	AS397518
1750	VMWare, Inc.		X	AS395730
1751	Zeofast Network		X	AS10111
1752	Rutgers, The State University		X	AS46
1753	Thales Cloud Securise SAS		X	AS202045
1754	Limited Liability Company Transneft Telecom		X	AS60388
1755	Cronos Internet Ltd		X	AS59565
1756	REACH4 Communications		X	AS27298

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1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS21033
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS4538
1735	Luke Eiji Granger-Brown		X	AS20547
1736	Centrilogic, Inc.		X	AS31863
1737	Ansible Networks, LLC		X	AS14570
1738	Istqrar for Servers Services Ltd		X	AS211826
1739	Atlantic LLC.		X	AS20460
1740	Censys, Inc.		X	AS39870
1741	NortonLifeLock Inc.		X	AS16733
1742	EZE Castle Integration Inc.		X	AS14717
1743	link-lab GbR Schmidt Waehlich		X	AS51224
1744	Inteliglobe USA, Inc.		X	AS16921
1745	KOREX networks, s.r.o.		X	AS57710
1746	Hetzner Online GmbH		X	AS21323
1747	Citytelecom LLC		X	AS28762
1748	ACD.net		X	AS14103
1749	GoDaddy.com, LLC		X	AS39751
1750	VMWare, Inc.		X	AS39573
1751	Zeofast Network		X	AS10111
1752	Rutgers, The State University		X	AS46
1753	Thales Cloud Securise SAS		X	AS20204
1754	Limited Liability Company Transneft Telecom		X	AS60388
1755	Grease Internet Ltd		X	AS59565
1756	REACH4 Communications		X	AS27298



AS1299 Arelion Sweden AB

Quick Links	AS Info	Graph v4	Graph v6	Prefixes v4	Prefixes v6	Peers v4	Peers v6
GP Toolkit Home	Whois	RDAP	IRR	IX	Traceroute		
GP Prefix Report	as-block:	AS1299 - AS1309					
GP Peer Report	descr:	RIPE NCC ASN block					
uper Traceroute	remarks:	These AS Numbers are assigned to network operators in the RIPE NCC					
uper Looking Glass	service region:						
xchange Report	mnt-by:	RIPE-NCC-HM-MNT					
ogon Routes	created:	2018-11-22T15:27:10Z					
orld Report	last-modified:	2018-11-22T15:27:10Z					
ulti Origin Routes	source:	RIPE					
NS Report	aut-num:	AS1299					
op Host Report	org:	ORG-TCA32-RIPE					
ternet Statistics	as-name:	TWELVE99					
ooking Glass	descr:	Arelion, f/k/a Telia Carrier					
etwork Tools App	remarks:						
ree IPv6 Tunnel	remarks:	As of June 1 2021, Arelion and its affiliates are no					
IPv6 Certification	remarks:	longer part of or affiliated with Telia Company.					
IPv6 Progress	remarks:						
oing Native	import:	from AS26 accept AS26:AS-ALL					
redits	mp-import:	afi ipv6 from AS26 accept AS26:AS-ALL					
ontact Us	import:	from AS42 accept AS-PCH					
	mp-import:	afi ipv6 from AS42 accept AS-PCH					
	import:	from AS46 accept AS-RUTGERS					
	mp-import:	afi ipv6 from AS46 accept AS-RUTGERS					
	import:	from AS57 accept AS-NLG-T0-TRANSIT					
	mp-import:	afi ipv6 from AS57 accept AS-NLG-T0-TRANSIT					
	import:	from AS109 accept AS-CISCO					
	mp-import:	afi ipv6 from AS109 accept AS-CISCO					
	import:	from AS137 accept AS-GARR					
	mp-import:	afi ipv6 from AS137 accept AS-GARR					
	import:	from AS158 accept AS158					
	mp-import:	afi ipv6 from AS158 accept AS158					
	import:	from AS174 accept AS174					
	mp-import:	afi ipv6 from AS174 accept AS174					
	import:	from AS237 accept AS-MICHNET					
	mp-import:	afi ipv6 from AS237 accept AS-MICHNET					
	import:	from AS249 accept AS249:AS-CUSTOMERS					
	mp-import:	afi ipv6 from AS249 accept AS249:AS-CUSTOMERS					
	import:	from AS271 accept AS271:AS-BCNET-MEMBERS					
	mp-import:	afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS					
	import:	from AS302 accept AS-BCMI1					
	mp-import:	afi ipv6 from AS302 accept AS-BCMI1					
	import:	from AS553 accept AS-BELWUE					
	mp-import:	afi ipv6 from AS553 accept AS-BELWUE					
	import:	from AS559 accept AS-SWITCH					
	mp-import:	afi ipv6 from AS559 accept AS-SWITCH					
	import:	from AS577 accept AS577:AS-CUSTOMERS					
	mp-import:	afi ipv6 from AS577 accept AS577:AS-CUSTOMERS					
	import:	from AS680 accept AS-DFNTOWINTSP					
	mp-import:	afi ipv6 from AS680 accept AS-DFNTOWINISP					
	import:	from AS701 accept AS701					

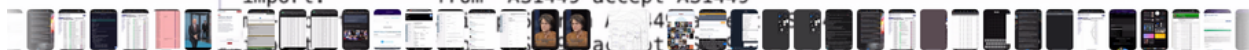


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```
mp-import: afi ipv6 from AS1273:AS-CWW
mp-import: afi ipv6 from AS1273:AS-CWW-V6
import: from AS1273:AS-SET
mp-import: afi ipv6 from AS1280 accept AS1280:AS-SET
import: from AS1311 accept AS1311
mp-import: afi ipv6 from AS1311 accept AS1311
import: from AS1403 accept AS1403:AS-CUSTOMERS
mp-import: afi ipv6 from AS1403 accept AS1403:AS-CUSTOMERS
import: from AS1421 accept AS-WANSECURITY
mp-import: afi ipv6 from AS1421 accept AS-WANSECURITY
import: from AS1448 accept AS1448
mp-import: afi ipv6 from AS1448 accept AS1448
import: from AS1449 accept AS1449
mp-import: afi ipv6 from AS1449 accept AS1449
import: from AS1492 accept AS1492
mp-import: afi ipv6 from AS1492 accept AS1492
import: from AS1523 accept AS1523
mp-import: afi ipv6 from AS1523 accept AS1523
import: from AS1547 accept AS-IDK
mp-import: afi ipv6 from AS1547 accept AS-IDK
import: from AS1680 accept AS-NV
mp-import: afi ipv6 from AS1680 accept AS-NV
import: from AS1759 accept AS-TSF-CUSTOMERS
mp-import: afi ipv6 from AS1759 accept AS-TSF-GLOBAL
import: from AS1764 accept AS-NEXTLAYER
mp-import: afi ipv6 from AS1764 accept AS-NEXTLAYER
import: from AS1820 accept AS-WTUC
mp-import: afi ipv6 from AS1820 accept AS-WTUC
import: from AS1828 accept AS-UNITAS
mp-import: afi ipv6 from AS1828 accept AS-UNITAS
import: from AS1955 accept AS-HBONE
mp-import: afi ipv6 from AS1955 accept AS-HBONE
import: from AS2116 accept AS-CATCHCOM
mp-import: afi ipv6 from AS2116 accept AS-CATCHCOM
import: from AS2119 accept AS-TELENOR
mp-import: afi ipv6 from AS2119 accept AS-TELENOR
import: from AS2280 accept AS2280
mp-import: afi ipv6 from AS2280 accept AS2280
import: from AS2381 accept AS-WISCNET
mp-import: afi ipv6 from AS2381 accept AS-WISCNET
import: from AS2495 accept AS2495:AS-MEMBERS
mp-import: afi ipv6 from AS2495 accept AS2495:AS-MEMBERS
import: from AS2497 accept AS-IIJ
mp-import: afi ipv6 from AS2497 accept AS-IIJ
import: from AS2516 accept AS-KDD
mp-import: afi ipv6 from AS2516 accept AS-KDDI6
import: from AS2518 accept AS-MESH
mp-import: afi ipv6 from AS2518 accept AS-MESH
import: from AS2519 accept AS-VECTANT
mp-import: afi ipv6 from AS2519 accept AS-IPV6_VECTANT
import: from AS2527 accept AS-SO-NET
mp-import: afi ipv6 from AS2527 accept AS-SO-NET6
import: from AS2541 accept AS-OPERATIUNI-SPECIALE
mp-import: afi ipv6 from AS2541 accept AS-OPERATIUNI-SPECIALE
import: from AS2572 accept AS-MORENET
mp-import: afi ipv6 from AS2572 accept AS-MORENET
import: from AS2586 accept AS-UNINET-TIX
mp-import: afi ipv6 from AS2586 accept AS-UNINET-TIX
import: from AS2589 accept AS-WANSTOR
mp-import: afi ipv6 from AS2589 accept AS-WANSTOR
import: from AS2603 accept AS-NORDUNET
mp-import: afi ipv6 from AS2603 accept AS-NORDUNET
import: from AS2635 accept AS-AUTOMATTIC
mp-import: afi ipv6 from AS2635 accept AS-AUTOMATTIC
import: from AS2686 accept AS-IGNEMEA
mp-import: afi ipv6 from AS2686 accept AS-IGNEMEA
import: from AS2687 accept AS-ATTAP
mp-import: afi ipv6 from AS2687 accept AS-ATTAP
import: from AS2711 accept AS2711:AS-CUSTOMERS
mp-import: afi ipv6 from AS2711 accept AS2711:AS-CUSTOMERS
import: from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2820 accept AS2820
```


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```
import: from
mp-import: afi ipv6 from AS249 accept AS249:AS-MICHNET
import: from AS249 accept AS249:AS-CUSTOMERS
mp-import: afi ipv6 from AS249 accept AS249:AS-CUSTOMERS
import: from AS271 accept AS271:AS-BCNET-MEMBERS
mp-import: afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS
import: from AS302 accept AS-BCMI1
mp-import: afi ipv6 from AS302 accept AS-BCMI1
import: from AS553 accept AS-BELWUE
mp-import: afi ipv6 from AS553 accept AS-BELWUE
import: from AS559 accept AS-SWITCH
mp-import: afi ipv6 from AS559 accept AS-SWITCH
import: from AS577 accept AS577:AS-CUSTOMERS
mp-import: afi ipv6 from AS577 accept AS577:AS-CUSTOMERS
import: from AS680 accept AS-DFNTOWINISP
mp-import: afi ipv6 from AS680 accept AS-DFNTOWINISP
import: from AS701 accept AS701
mp-import: afi ipv6 from AS701 accept AS701
import: from AS702 accept AS702:RS-EURO
import: from AS702 accept AS702:RS-CUSTOMER
mp-import: afi ipv6 from AS702 accept AS702:RS-EURO
mp-import: afi ipv6 from AS702 accept AS702:RS-CUSTOMER
import: from AS703 accept AS703
mp-import: afi ipv6 from AS703 accept AS703
import: from AS714 accept AS-APPLE
mp-import: afi ipv6 from AS714 accept AS-APPLE
import: from AS786 accept AS-JANETUS
mp-import: afi ipv6 from AS786 accept AS-JANETUS
import: from AS833 accept AS833
mp-import: afi ipv6 from AS833 accept AS833
import: from AS835 accept AS-GOCODEIT-ALL
mp-import: afi ipv6 from AS835 accept AS-GOCODEIT-ALL
import: from AS852 accept AS-TELUS
mp-import: afi ipv6 from AS852 accept AS-TELUS
import: from AS855 accept AS855:AS-CUSTOMERS
mp-import: afi ipv6 from AS855 accept AS855:AS-CUSTOMERS
import: from AS906 accept AS-DMITINC
mp-import: afi ipv6 from AS906 accept AS-DMITINC
import: from AS928 accept AS-GVME2
mp-import: afi ipv6 from AS928 accept AS-GVME2
import: from AS939 accept AS-NOVOSERVE-LLC
mp-import: afi ipv6 from AS939 accept AS-NOVOSERVE-LLC
import: from AS945 accept AS-AUGUST
mp-import: afi ipv6 from AS945 accept AS-AUGUST
import: from AS954 accept AS-954
mp-import: afi ipv6 from AS954 accept AS-954
import: from AS984 accept AS984:AS-TRANSIT
mp-import: afi ipv6 from AS984 accept AS984:AS-TRANSIT
import: from AS1100 accept AS-NUDAY
mp-import: afi ipv6 from AS1100 accept AS-NUDAY
import: from AS1218 accept AS-ORACLE-OCI-OC4
mp-import: afi ipv6 from AS1218 accept AS-ORACLE-OCI-OC4
import: from AS1248 accept AS-HERE
mp-import: afi ipv6 from AS1248 accept AS-HERE
import: from AS1257 accept AS-TELE2
mp-import: afi ipv6 from AS1257 accept AS-TELE2
import: from AS1267 accept AS-INFOSTRADA
mp-import: afi ipv6 from AS1267 accept AS-INFOSTRADA
import: from AS1273 accept AS1273:AS-CWW
mp-import: afi ipv6 from AS1273 accept AS1273:AS-CWW
import: from AS1273 accept AS1273:AS-CWW-V6
mp-import: afi ipv6 from AS1273 accept AS1273:AS-CWW-V6
import: from AS1280 accept AS1280:AS-SET
mp-import: afi ipv6 from AS1280 accept AS1280:AS-SET
import: from AS1311 accept AS1311
mp-import: afi ipv6 from AS1311 accept AS1311
import: from AS1403 accept AS1403:AS-CUSTOMERS
mp-import: afi ipv6 from AS1403 accept AS1403:AS-CUSTOMERS
import: from AS1421 accept AS-WANSECURITY
mp-import: afi ipv6 from AS1421 accept AS-WANSECURITY
import: from AS1448 accept AS1448
mp-import: afi ipv6 from AS1448 accept AS1448
import: from AS1449 accept AS1449
```



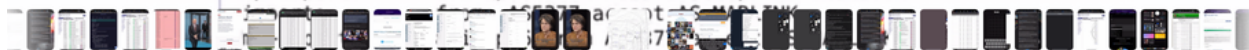


mp-import: afi ip from AS-AUTOMATTIC
import: from AS2687 accept AS-ATTAP
mp-import: afi ip from AS2687 accept AS-ATTAP
import: from AS2711 accept AS2711:AS-CUSTOMERS
mp-import: afi ipv6 from AS2711 accept AS2711:AS-CUSTOMERS
import: from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2818 accept AS-BBC
import: from AS2828 accept AS2828
mp-import: afi ipv6 from AS2828 accept AS2828
import: from AS2854 accept AS-ROSPRINT
mp-import: afi ipv6 from AS2854 accept AS-OBSRUSSIA6
import: from AS2874 accept AS-OBS-NORDICS
mp-import: afi ipv6 from AS2874 accept AS-OBS-NORDICS
import: from AS2906 accept AS-NFLX
mp-import: afi ipv6 from AS2906 accept AS-NFLX
import: from AS2914 accept AS2914:AS-GLOBAL
mp-import: afi ipv6 from AS2914 accept AS2914:AS-GLOBAL-V6
import: from AS3064 accept AS3064
mp-import: afi ipv6 from AS3064 accept AS3064
import: from AS3128 accept AS-UWSYSNET
mp-import: afi ipv6 from AS3128 accept AS-UWSYSNET
import: from AS3170 accept AS-VELOXSERV
mp-import: afi ipv6 from AS3170 accept AS-VELOXSERV
import: from AS3175 accept AS-DATAHOUSE
mp-import: afi ipv6 from AS3175 accept AS-DATAHOUSE
import: from AS3204 accept AS-XTOM
mp-import: afi ipv6 from AS3204 accept AS-XTOM
import: from AS3209 accept AS-ARCOGLOBAL
mp-import: afi ipv6 from AS3209 accept AS-ARCOGLOBAL
import: from AS3214 accept AS-XTOM
mp-import: afi ipv6 from AS3214 accept AS-XTOM
import: from AS3216 accept AS-SOVAM
mp-import: afi ipv6 from AS3216 accept AS-SOVAM-V6
import: from AS3221 accept AS-EENET
mp-import: afi ipv6 from AS3221 accept AS-EENET
import: from AS3223 accept AS-VOXILITY-SET
mp-import: afi ipv6 from AS3223 accept AS-VOXILITY-SET
import: from AS3225 accept AS-UCC
mp-import: afi ipv6 from AS3225 accept AS-UCC
import: from AS3226 accept AS-MARK-ITT
mp-import: afi ipv6 from AS3226 accept AS-MARK-ITT
import: from AS3249 accept AS-ESTPAK
mp-import: afi ipv6 from AS3249 accept AS-ESTPAK
import: from AS3257 accept AS-GTT
mp-import: afi ipv6 from AS3257 accept AS-GTT
import: from AS3261 accept AS-DIPT
mp-import: afi ipv6 from AS3261 accept AS-DIPT
import: from AS3262 accept AS-SARENET
mp-import: afi ipv6 from AS3262 accept AS-SARENET
import: from AS3267 accept AS3267:AS-CUSTOMERS:AS-FULL
mp-import: afi ipv6 from AS3267 accept AS3267:AS-CUSTOMERS:AS-FULL
import: from AS3292 accept AS-TDCNET
mp-import: afi ipv6 from AS3292 accept AS-TDCNET
import: from AS3300 accept AS-BT-GLOBAL
mp-import: afi ipv6 from AS3300 accept AS-BT-GLOBAL
import: from AS3301 accept AS-TELINETSE
mp-import: afi ipv6 from AS3301 accept AS-TELINETSE-V6
import: from AS3308 accept AS-TELINETDK
mp-import: afi ipv6 from AS3308 accept AS-TELINETDK
import: from AS3320 accept AS3320:AS-DTAG
mp-import: afi ipv6 from AS3320 accept AS3320:AS-DTAG
import: from AS3326 accept AS3326:AS-EXT
mp-import: afi ipv6 from AS3326 accept AS3326:AS-EXT
import: from AS3330 accept AS-PROFINET
mp-import: afi ipv6 from AS3330 accept AS-PROFINET
import: from AS3331 accept AS-OPENXS
mp-import: afi ipv6 from AS3331 accept AS-OPENXS
import: from AS3342 accept AS-TERACOMDK
mp-import: afi ipv6 from AS3342 accept AS-TERACOMDK
import: from AS3356 accept AS3356



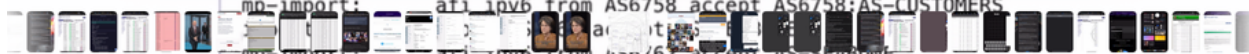


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import: from AS3920 accept AS-ESTOXY
import: from AS3999 accept AS-PENNSSTATE
import: from AS4134 accept AS-CN
import: from AS4181 accept AS-TDS-TRANSIT
import: from AS4213 accept AS-VPLS
import: from AS4226 accept AS-SUMOFIBER
import: from AS4229 accept AS-ZENLAYER
import: from AS4230 accept AS-EMBRATELNET
import: from AS4258 accept AS-ACCRETIVE
import: from AS4455 accept AS-BSO
import: from AS4459 accept AS-SET-FOR-NNI-T0-TS
import: from AS4474 accept AS-TCTWEST
import: from AS4531 accept AS4531
import: from AS4538 accept AS4538
import: from AS4557 accept AS-SETG-TELIA
import: from AS4628 accept AS4628:AS-CUSTOMERS
import: from AS4637 accept AS-TELSTRA-INTL-CUSTOMERS
import: from AS4648 accept AS-4648-CUSTOMERS
import: from AS4651 accept AS-THIX
import: from AS4657 accept AS-STARHUBINTERNET
import: from AS4739 accept AS-TPG
import: from AS4761 accept AS-4761
import: from AS4764 accept AS4764:AS-AB
import: from AS4766 accept AS-KORNETBGP
import: from AS4773 accept AS4773
import: from AS4775 accept AS-TRANSIT-GLOBE
import: from AS4788 accept AS-4788
import: from AS4788 accept AS-4788V6
import: from AS4800 accept AS-LINTASARTA-NAP
import: from AS4809 accept AS-CN2
import: from AS4826 accept AS4826:AS-VOCUS
import: from AS4837 accept AS4837:AS-CNCGROUP
import: from AS4922 accept AS-SHENTEL
import: from AS5056 accept AS-AUREON-TRANSIT
import: from AS5078 accept AS-ONENETOK
import: from AS5078 accept AS-ONENETOK





mp-import: afi i November 5, 2024 AS5769:AS-CUSTOMER
import: from AS6057 10:08 PM AS-ANT
mp-import: afi ipv6 from AS6057 accept AS-ANT
import: from AS6079 accept AS-RCN
mp-import: afi ipv6 from AS6079 accept AS-RCN
import: from AS6128 accept AS6128:AS-CUSTOMERS
mp-import: afi ipv6 from AS6128 accept AS6128:AS-CUSTOMERS
import: from AS6140 accept AS-TWOP
mp-import: afi ipv6 from AS6140 accept AS-TWOP
import: from AS6169 accept AS-KENTIK
mp-import: afi ipv6 from AS6169 accept AS-KENTIK
import: from AS6181 accept AS-FUSE
mp-import: afi ipv6 from AS6181 accept AS-FUSE
import: from AS6204 accept AS-ZETNET
mp-import: afi ipv6 from AS6204 accept AS-ZETNET
import: from AS6206 accept AS-NETROUTING
mp-import: afi ipv6 from AS6206 accept AS-NETROUTING
import: from AS6208 accept AS6208:AS-CUSTOMERS
mp-import: afi ipv6 from AS6208 accept AS6208:AS-CUSTOMERS
import: from AS6233 accept AS-XTOM
mp-import: afi ipv6 from AS6233 accept AS-XTOM
import: from AS6282 accept AS6282
mp-import: afi ipv6 from AS6282 accept AS6282
import: from AS6327 accept AS-BIGPIPE
mp-import: afi ipv6 from AS6327 accept AS-BIGPIPE
import: from AS6336 accept AS-TREMOR-SET4
mp-import: afi ipv6 from AS6336 accept AS-TREMOR-SET4
import: from AS6352 accept AS6352
mp-import: afi ipv6 from AS6352 accept AS6352
import: from AS6400 accept AS-CODETEL
mp-import: afi ipv6 from AS6400 accept AS-CODETEL
import: from AS6423 accept AS-6423
mp-import: afi ipv6 from AS6423 accept AS-6423
import: from AS6424 accept AS-EDG00
mp-import: afi ipv6 from AS6424 accept AS-EDG00
import: from AS6453 accept AS-GLOBEINTERNET
mp-import: afi ipv6 from AS6453 accept AS-GLOBEINTERNET
import: from AS6461 accept AS-MFNX
mp-import: afi ipv6 from AS6461 accept AS-MFNX
import: from AS6468 accept AS6468
mp-import: afi ipv6 from AS6503 accept AS-AXTEL
import: from AS6507 accept AS-RIOT
mp-import: afi ipv6 from AS6507 accept AS-RIOT
import: from AS6619 accept AS6619
mp-import: afi ipv6 from AS6619 accept AS6619
import: from AS6620 accept AS6620
mp-import: afi ipv6 from AS6620 accept AS6620
import: from AS6623 accept AS-CBSI
mp-import: afi ipv6 from AS6623 accept AS-CBSI
import: from AS6643 accept AS-JIVE
mp-import: afi ipv6 from AS6643 accept AS-JIVE
import: from AS6653 accept AS-6653
mp-import: afi ipv6 from AS6653 accept AS-6653
import: from AS6663 accept AS-PANTEL
mp-import: afi ipv6 from AS6663 accept AS-PANTEL
import: from AS6667 accept AS-EUNETIP
mp-import: afi ipv6 from AS6667 accept AS-EUNETIP
import: from AS6677 accept AS-ICENET
mp-import: afi ipv6 from AS6677 accept AS-ICENET
import: from AS6694 accept AS-RTSNET
mp-import: afi ipv6 from AS6694 accept AS-RTSNET
import: from AS6696 accept AS-VERIXI
mp-import: afi ipv6 from AS6696 accept AS-VERIXI
import: from AS6697 accept AS-BELPAK
mp-import: afi ipv6 from AS6697 accept AS-BELPAK
import: from AS6700 accept AS-BEOTELNET
mp-import: afi ipv6 from AS6700 accept AS-BEOTELNET
import: from AS6747 accept AS-LATTELEKOM
mp-import: afi ipv6 from AS6747 accept AS-LATTELEKOM
import: from AS6758 accept AS6758:AS-CUSTOMERS
mp-import: afi ipv6 from AS6758 accept AS6758:AS-CUSTOMERS
import: from AS6762 accept AS-SABUNE



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AS-ONENETOK
LINK

```
import: from
mp-import: afa ipv6 from AS5377 accept AS-ONENETOK
import: from AS5377 accept AS-ONENETOK
mp-import: afa ipv6 from AS5377 accept AS-MARLINK
import: from AS5378 accept AS5378
mp-import: afa ipv6 from AS5378 accept AS5378
import: from AS5385 accept AS-TELEPORT
mp-import: afa ipv6 from AS5385 accept AS-TELEPORT
import: from AS5391 accept AS-HRHINET
mp-import: afa ipv6 from AS5391 accept AS-HRHINET
import: from AS5394 accept AS-UNIDATACUST
mp-import: afa ipv6 from AS5394 accept AS-UNIDATACUST
import: from AS5400 accept AS-BT-EU
mp-import: afa ipv6 from AS5400 accept AS-BT-EU
import: from AS5405 accept AS5405:AS-INTERDOTLINK
mp-import: afa ipv6 from AS5405 accept AS5405:AS-INTERDOTLINK
import: from AS5410 accept AS-BOUYGTEL-ISP
mp-import: afa ipv6 from AS5410 accept AS-BOUYGTEL-ISP
import: from AS5413 accept AS5413:AS-CUSTOMER
mp-import: afa ipv6 from AS5413 accept AS5413:AS-CUSTOMER
import: from AS5429 accept AS-IIPNET
mp-import: afa ipv6 from AS5429 accept AS-IIPNET
import: from AS5430 accept AS-FREENETDE
mp-import: afa ipv6 from AS5430 accept AS-FREENETDE
import: from AS5436 accept AS-BTAH
mp-import: afa ipv6 from AS5436 accept AS-BTAH
import: from AS5466 accept AS-EIRCOM
mp-import: afa ipv6 from AS5466 accept AS-EIRCOM
import: from AS5482 accept AS5482:AS-ORIGIN
mp-import: afa ipv6 from AS5482 accept AS5482:AS-ORIGIN
import: from AS5504 accept AS-LOGOSNET
mp-import: afa ipv6 from AS5504 accept AS-LOGOSNET
import: from AS5505 accept AS-VADAVO-TRANSITO
mp-import: afa ipv6 from AS5505 accept AS-VADAVO-TRANSITO
import: from AS5511 accept AS-OPENTRANSIT
mp-import: afa ipv6 from AS5511 accept AS-OPENTRANSIT
import: from AS5518 accept AS-TELIANETLV
mp-import: afa ipv6 from AS5518 accept AS-TELIANETLV
import: from AS5537 accept AS-RUCENTER
mp-import: afa ipv6 from AS5537 accept AS-RUCENTER
import: from AS5539 accept AS-SPACENET
mp-import: afa ipv6 from AS5539 accept AS-SPACENET-V6
import: from AS5578 accept AS-BENESTRA
mp-import: afa ipv6 from AS5578 accept AS-BENESTRA
import: from AS5605 accept AS-NETUSE
mp-import: afa ipv6 from AS5605 accept AS-NETUSE
import: from AS5606 accept AS-GTSRO
mp-import: afa ipv6 from AS5606 accept AS-GTSRO
import: from AS5607 accept AS-BSKYB-BROADBAND
mp-import: afa ipv6 from AS5607 accept AS-BSKYB-BROADBAND
import: from AS5610 accept AS-CTIOL
mp-import: afa ipv6 from AS5610 accept AS-CTIOL
import: from AS5617 accept AS-TPNET
mp-import: afa ipv6 from AS5617 accept AS5617:AS-WORLD-TRANSIT
import: from AS5645 accept AS5645:AS-CUSTOMERS
mp-import: afa ipv6 from AS5645 accept AS5645:AS-CUSTOMERS
import: from AS5670 accept AS5670:AS-CONE
mp-import: afa ipv6 from AS5670 accept AS5670:AS-CONE
import: from AS5715 accept AS-NTAJC
mp-import: afa ipv6 from AS5715 accept AS-NTAJC
import: from AS5769 accept AS5769:AS-CUSTOMERS
mp-import: afa ipv6 from AS5769 accept AS5769:AS-CUSTOMERS
import: from AS6057 accept AS-ANTEL-ALL
mp-import: afa ipv6 from AS6057 accept AS-ANTEL-ALL
import: from AS6079 accept AS-RCN
mp-import: afa ipv6 from AS6079 accept AS-RCN
import: from AS6128 accept AS6128:AS-CUSTOMERS
mp-import: afa ipv6 from AS6128 accept AS6128:AS-CUSTOMERS
import: from AS6140 accept AS-TWOP
mp-import: afa ipv6 from AS6140 accept AS-TWOP
import: from AS6169 accept AS-RENTIR
```



2240	Arthles LLC			
2241	LightEdge Solu			
2242	ANTEMETA SAS		X	AS201088
2243	Thales Cloud Securise SAS		X	AS203532
2244	Bel Air Internet, LLC			AS23316
2245	Acronis International GmbH		X	AS35793
2246	Petit Telecom B.V.			AS197156
2247	AT&T Corp.			AS2687
2248	TOURLINK ORGANIZATION LLP			AS57586
2249	Beijing Xiaoju Science and Technology Co., Ltd.			AS63648
2250	team.blue Denmark A/S		X	AS43220
2251	Binero AB			AS60376
2252	NatCoWeb Corp.		X	AS46636
2253	i2 Technologies Inc.			AS14343
2254	Feral.io Ltd			AS200052
2255	Lite-Telecom Limited			AS49863
2256	LYCATEL DISTRIBUTION UK LIMITED			AS31404
2257	Rakuten Inc		X	AS54058
2258	Beeks Financial Cloud Ltd			AS206690
2259	Webinvest Plus LLC			AS205692
2260	TFM NETWORKS LIMITED			AS34790
2261	IPIPE International, Corp.		X	AS400513
2262	Electronic Arts Limited			AS206800
2263	Keepit A/S		X	AS9120
2264	Radoslaw Walentowski trading as Timplus B.Dudek R.Walentowski sp.j.			AS50349
2265	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
2266	FairNetz GmbH			AS202046
2267	Ivstar Ltd		X	AS29588
2268	TELFAX COMMUNICATIONS SARL		X	AS209255
2269	BankOnIT, L.L.C.		X	AS46416
2270	NTT DATA Business Solutions sp. z o.o.			AS24740
2271	LINKINTEL Ltd.			AS47655
2272	MAGIT'ST SRL			AS49468
2273	FullSpace Ltd.		X	AS201499
2274	Gigacable de Aguascalientes, S.A. de C.V.			AS28376
2275	Encompass Digital Media, Inc.			AS7138
2276	Teracom AB			AS49769
2277	iboss,inc		X	AS396253
2278	ShowJet OOO			AS204271

2209	WICOM TELECOMUNICAS DE R.L.			
2210	BASIS LLC		X	AS20676
2211	dhosting.pl Sp. z o.o.			AS48896
2212	Freewheel Media Inc.		X	AS26558
2213	FINALTO TRADING LIMITED			AS202176
2214	MEGA Cloud Services Limited		X	AS205809
2215	KOESIO Networks SAS			AS197653
2216	WhiteLabel IT Solutions Corp		X	AS394625
2217	Dimensione S.r.l.		X	AS202870
2218	MEGA M, d.o.o.		X	AS12778
2219	TERACOM COMMUNICATIONS (PTY) LTD			AS209167
2220	Connect Managed Services (UK) Limited			AS198781
2221	Consolidated Smart Systems LLC		X	AS396106
2222	My Tech BZ			AS52449
2223	ESTRACOM SPA		X	AS31319
2224	Adam Ryszewski trading as AR-NET			AS199336
2225	Gameforge 4D GmbH		X	AS47195
2226	NVIDIA Ltd			AS50889
2227	Renault Trucks SAS			AS39771
2228	Datacenter Luxembourg S.A.		X	AS203055
2229	PEG TECH INC			AS36137
2230	NEXT LEVEL INTERNET, INC.			AS16582
2231	MTI Teleport Muenchen GmbH Gesellschaft fur Satellitenubertragungen		X	AS199421
2232	TELNAP TELECOM Sp. z o.o.			AS43372
2233	Luke Eiji Granger-Brown		X	AS205479
2234	GVEC.net, LLC		X	AS18859
2235	E-CAPS D.O.O		X	AS203752
2236	LLC Ostankino Telecom			AS50822
2237	Atman Sp. z o.o.		X	AS24723
2238	pearlabyss			AS38090
2239	Luxembourg House of Cybersecurity		X	AS197869
2240	Artfiles LLC		X	AS394923
2241	LightEdge Solutions LLC			AS149813
2242	ANTEMETA SAS		X	AS201085
2243	Thales Cloud Securise SAS		X	AS203532
2244	Bel Air Internet, LLC			AS23316
2245	Acronis International GmbH		X	AS35793
2246	Petit Telecom B.V.			AS197156
2247	AT&T Global			AS2687
2248	TOURBINK ORGANIZATION LLP			AS57586

2272	MAGIT'ST SRI			
2273	FullSpace Ltd.		X	AS201499
2274	Gigacable de Aguascalientes, S.A. de C.V.			AS28376
2275	Encompass Digital Media, Inc.			AS7138
2276	Teracom AB			AS49769
2277	iboss,inc		X	AS396253
2278	ShowJet OOO			AS204271
2279	BitPoint AG			AS20791
2280	Association of financial market participants Nonprofit Partnership for the Development of Financial Market RTS			AS6694
2281	DigiCert, Inc.			AS32575
2282	Elna Paulette Lafortune trading as INNETRA PC		X	AS58349
2283	Broadcasting Center Europe (an RTL Group Company)		X	AS25273
2284	pronexon GmbH		X	AS21080
2285	Altima Telecom			AS22423
2286	Canonical Group Limited		X	AS41231
2287	Invision Technologies, LLC			AS54228
2288	VR Telecom SL			AS57337
2289	Krystal Hosting Ltd		X	AS12488
2290	Weebly, Inc.		X	AS27647
2291	in2ip B.V.		X	AS34141
2292	Bezeq- THE ISRAEL TELECOMMUNICATION CORP. LTD.		X	AS6810
2293	Khimki-SMI JSC			AS201477
2294	CBlue SPRL		X	AS197690
2295	9505-9150 Quebec Inc.			AS400914
2296	Leonet Group GmbH		X	AS197524
2297	Axatel LLC			AS208992
2298	NorthC Deutschland GmbH		X	AS15598
2299	TrackMotors LLC			AS207874
2300	Digital Transformation Plus LLC		X	AS60476
2301	Adjust GmbH		X	AS205184
2302	Anaplan, Inc.			AS26114
2303	Campus, Hofnetz & Events GmbH		X	AS50324
2304	Jakala S.P.A.			AS204688
2305	Kering SA			AS207398
2306	STELLAR Broadband		X	AS10423
2307	Virtuozzo International GmbH			AS212374
2308	MobileOne Ltd. Mobile/Internet Service Provider Singapore		X	AS4773
2309	Castle Point Technologies, Inc			AS399560
2310	Velocihost Inc		X	AS63452
2311	Headlands Technologies LLC			AS333151

2256	LYCATEL DISTRI			AS201472
2257	Rakuten Inc			AS201472
2258	Beeks Financial Cloud Ltd			AS206690
2259	Webinvest Plus LLC			AS205692
2260	TFM NETWORKS LIMITED			AS34790
2261	IPIPE International, Corp.		X	AS400513
2262	Electronic Arts Limited			AS206800
2263	Keepit A/S		X	AS9120
2264	Radoslaw Walentowski trading as Timplus B.Dudek R.Walentowski sp.j.			AS50349
2265	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
2266	FairNetz GmbH			AS202046
2267	Ivstar Ltd		X	AS29588
2268	TELFAX COMMUNICATIONS SARL		X	AS209256
2269	BankOnIT, L.L.C.		X	AS46416
2270	NTT DATA Business Solutions sp. z o.o.			AS24740
2271	LINKINTEL Ltd.			AS47655
2272	MAGIT'ST SRL			AS49468
2273	FullSpace Ltd.		X	AS201499
2274	Gigacable de Aguascalientes, S.A. de C.V.			AS28376
2275	Encompass Digital Media, Inc.			AS7138
2276	Teracom AB			AS49769
2277	iboss,inc		X	AS396253
2278	ShowJet OOO			AS204271
2279	BitPoint AG			AS20791
2280	Association of financial market participants Nonprofit Partnership for the Development of Financial Market RTS			AS6694
2281	DigiCert, Inc.			AS32575
2282	Elna Paulette Lafortune trading as INNETRA PC		X	AS58349
2283	Broadcasting Center Europe (an RTL Group Company)		X	AS25273
2284	pronexon GmbH		X	AS21080
2285	Altima Telecom			AS22423
2286	Canonical Group Limited		X	AS41231
2287	Invision Technologies, LLC			AS54228
2288	VR Telecom SL			AS57337
2289	Krystal Hosting Ltd		X	AS12488
2290	Weebly, Inc.		X	AS27647
2291	in2ip B.V.		X	AS34141
2292	Bezeq- THE ISRAEL TELECOMMUNICATION CORP. LTD.		X	AS6810
2293	Knihni-Sim JSC			AS201477
2294	CBJue SPRL		X	AS197690

2336	Orange Busine			AS8323
2337	Darktel llc			AS19177
2338	SOL Holdings Limited			AS203316
2339	Alarislabs Pte Ltd			AS202430
2340	GMCHOSTING LLC			AS19186
2341	Pulsepoint Inc			AS19189
2342	WiMore S.r.l.			AS203489
2343	Rumble USA Inc.		X	AS399647
2344	Zone Media OU		X	AS49604
2345	Videnca AB			AS42622
2346	VOIP-UN LIMITED		X	AS42004
2347	MIFFLIN COUNTY WIRELESS LLC		X	AS11059
2348	Qwilt Inc.		X	AS20253
2349	iGamingCloud Limited			AS203221
2350	Marlink AS			AS8841
2351	Akamai International B.V.		X	AS31108
2352	Xvid Services OU			AS12293
2353	Tarr Kft.		X	AS8462
2354	Redder Telco s.r.l.			AS33986
2355	P.A.K.T LLC		X	AS39087
2356	TOV 'ProFIX Company'			AS43017
2357	MiaTel LLC			AS47613
2358	dinCloud Inc.		X	AS53834
2359	BOLIGNET-AARHUS F.M.B.A.			AS33796
2360	Opticom Group AO			AS49106
2361	Clearstream Technology ltd		X	AS59455
2362	MM Internet, Inc.			AS12028
2363	JSC Multiregional Transitelecom			AS49476
2364	Zoom Video Communications, Inc		X	AS30103
2365	Evocative, Inc.		X	AS18672
2366	Cloud Temple SAS			AS33930
2367	Paradise Networks LLC			AS40861
2368	Richie Ltd		X	AS60354
2369	PRO-PING d.o.o.			AS62161
2370	CHARLES CATV SYSTEMS INC			AS138987
2371	Indigo Integrated Solutions Limited		X	AS44205
2372	Consensus One Sp. z o.o.			AS56540
2373	Citytelecom LLC			AS204041
2374	SIA Home TV Pro			AS9029
2375	Okay Telecom Ltd		X	AS199669
2376	Endeavor Communications		X	AS19751

2304	Jakala S.P.A.			
2305	Kering SA			
2306	STELLAR Broadband		X	AS10423
2307	Virtuozzo International GmbH			AS21237
2308	MobileOne Ltd. Mobile/Internet Service Provider Singapore		X	AS4773
2309	Castle Point Technologies, Inc			AS39956
2310	Velocihost Inc.		X	AS63452
2311	Headlands Technologies LLC			AS39515
2312	DRD Communications Limited			AS34967
2313	Joint Stock Company Rosgeologia			AS57996
2314	Peoplefone AG			AS20567
2315	Telegram Messenger Inc		X	AS59930
2316	RhythmOne, LLC		X	AS26120
2317	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPKA			AS21013
2318	Crowsnest IT Support LLC			AS39760
2319	TMTG			AS954
2320	Lime HD LLC		X	AS47481
2321	Suomi Communications Oy		X	AS20636
2322	Telia Cygate AB		X	AS19730
2323	H & M Hennes & Mauritz GBC AB			AS30821
2324	Clearly Communications		X	AS27400
2325	Semplify Srl			AS19932
2326	Jack Henry & Associates, Inc.			AS14010
2327	Keepit A/S		X	AS21163
2328	Stiegeler Internet Service GmbH		X	AS20092
2329	Pudu, LLC		X	AS47689
2330	METRO Digital GmbH		X	AS39290
2331	The Cloud Networks Germany GmbH			AS42390
2332	Intelcom Group Ltd			AS20111
2333	VoIP Tech, LLC			AS40890
2334	Hagloef & Nordkvist Internet AB			AS34133
2335	OJSC Kostroma Municipal Telephone Network			AS44507
2336	Orange Business Digital Sweden AB		X	AS8523
2337	Darktel llc			AS21044
2338	SOL Holdings Limited			AS20331
2339	Alarislabs Pte Ltd			AS20243
2340	GMCHOSTING LLC			AS19186
2341	Pulsepoint Inc			AS19189
2342	Wimora Sml			AS20348
2343	Rumble USA Inc.		X	AS39964

2403	MY.COM US, I			
2404	Data Target d.o.o.			AS62294
2405	Leaseweb USA, Inc.		X	AS394386
2406	M-REAL NET Ltd.			AS31029
2407	LLC OTT UKRAINE			AS204384
2408	NTC ASIA LIMITED		X	AS135273
2409	KOMPaaS.tech Kft		X	AS59949
2410	Svea Internet AB		X	AS209576
2411	NEXET Sp. z o.o.			AS200573
2412	Fiber Optical Network LLC			AS398772
2413	NTH AG			AS59905
2414	Interpol			AS30761
2415	OOO Mango Telecom			AS39684
2416	Skechers USA			AS22135
2417	NEGU			AS54309
2418	Nobel Ltd			AS21958
2419	Vexus Fiber			AS398149
2420	Trancom Ltd			AS47181
2421	Managed Network Solutions, Inc.			AS19366
2422	unified ASN for CDNetworks across the globe			AS36408
2423	Managing company Realty of Petersburg Ltd			AS34843
2424	BPS Networks		X	AS36243
2425	Dialpad, Inc.		X	AS63399
2426	UAB Cherry Servers		X	AS59642
2427	Dialpad, Inc.		X	AS134521
2428	Arrow Electronics			AS13524
2429	Planisware SAS			AS205122
2430	Monetra Technologies LLC		X	AS394887
2431	Swedish Space Corporation			AS35542
2432	Leaseweb USA, Inc.		X	AS30633
2433	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS58011
2434	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPKA			AS212636
2435	LLC Telecom MPK			AS44927
2436	DSV A/S		X	AS49362
2437	Electronic Arts Limited			AS56723
2438	Triton Digital			AS13360
2439	OOO Scientific-Production Center Tetra			AS30960
2440	Mega Limited		X	AS199124
2441	Shearman & Sterling			AS14163
2442	Lambda		X	AS39800

2336	Orange Busine			AS8323
2337	Darktel llc			AS19177
2338	SOL Holdings Limited			AS203316
2339	Alarislabs Pte Ltd			AS202430
2340	GMCHOSTING LLC			AS19186
2341	Pulsepoint Inc			AS19189
2342	WiMore S.r.l.			AS203489
2343	Rumble USA Inc.		X	AS399647
2344	Zone Media OU		X	AS49604
2345	Videnca AB			AS42622
2346	VOIP-UN LIMITED		X	AS42004
2347	MIFFLIN COUNTY WIRELESS LLC		X	AS11059
2348	Qwilt Inc.		X	AS20253
2349	iGamingCloud Limited			AS203221
2350	Marlink AS			AS8841
2351	Akamai International B.V.		X	AS31108
2352	Xvid Services OU			AS12293
2353	Tarr Kft.		X	AS8462
2354	Redder Telco s.r.l.			AS33986
2355	P.A.K.T LLC		X	AS39087
2356	TOV 'ProFIX Company'			AS43017
2357	MiaTel LLC			AS47613
2358	dinCloud Inc.		X	AS53834
2359	BOLIGNET-AARHUS F.M.B.A.			AS33796
2360	Opticom Group AO			AS49106
2361	Clearstream Technology ltd		X	AS59455
2362	MM Internet, Inc.			AS12028
2363	JSC Multiregional Transitelecom			AS49476
2364	Zoom Video Communications, Inc		X	AS30103
2365	Evocative, Inc.		X	AS18672
2366	Cloud Temple SAS			AS33930
2367	Paradise Networks LLC			AS40861
2368	Richie Ltd		X	AS60354
2369	PRO-PING d.o.o.			AS62161
2370	CHARLES CATV SYSTEMS INC			AS138987
2371	Indigo Integrated Solutions Limited		X	AS44205
2372	Consensus One Sp. z o.o.			AS56540
2373	Citytelecom LLC			AS204041
2374	SIA Home TV Pro			AS9029
2375	Okay Telecom Ltd		X	AS199669
2376	Endeavor Communications		X	AS19751

2370	CHARLES CAT			AS130807
2371	Indigo Integrated Solutions Limited			AS14287
2372	Consensus One Sp. z o.o.			AS56540
2373	Citytelecom LLC			AS20404
2374	SIA HomeTV Pro			AS9029
2375	Okay-Telecom Ltd.		X	AS19966
2376	Endeavor Communications		X	AS19751
2377	Delovaya Svyaz Ltd.			AS47968
2378	Stardoll AB			AS47287
2379	Vermont-IT Limited Liability Company			AS43667
2380	Base IP B.V.		X	AS34305
2381	Bletchley Networks Limited			AS19971
2382	Proofpoint, Inc.		X	AS22843
2383	CompuSOURCE Communications Corp.			AS26938
2384	Hi3G Access AB		X	AS44034
2385	OXIO			AS40042
2386	Altagen JSC			AS50473
2387	TELECOM HOLDING 3 AS			AS35157
2388	Federal State Unitary Enterprise "Morsviazputnik"			AS19796
2389	Kering Eyewear S.p.A.		X	AS20261
2390	Irontrust Networks		X	AS7775
2391	SANEF SA			AS34809
2392	Meteverse Limited.		X	AS54994
2393	Ansible Networks, LLC		X	AS14570
2394	Swishmail		X	AS14469
2395	Bloomberg, LP			AS10361
2396	Virtual Station LLC			AS19808
2397	NCI Genomics SRL			AS20330
2398	Bank of America, National Association			AS19886
2399	Taboola.com Ltd		X	AS20047
2400	WNB A/S		X	AS20793
2401	Barra International, LLC			AS1311
2402	Konica Minolta Business Solutions Europe GmbH			AS20528
2403	MY.COM US, INC.			AS39350
2404	Data Target d.o.o.			AS62294
2405	Leaseweb USA, Inc.		X	AS39438
2406	M-REAL NET Ltd.			AS31029
2407	LLC OTT UKRAINE			AS20438
2408	NTC ASIA LIMITED		X	AS13527
2409	KOMPaaS.tech Kft		X	AS59949

2434	Privredno drustvo za trgovinu i usluge STEPANOVIC & SIPRA			AS212638
2435	LLC Telecom MPK			AS44927
2436	DSV A/S		X	AS49362
2437	Electronic Arts Limited			AS56723
2438	Triton Digital			AS13360
2439	OOO Scientific-Production Center Tetra			AS30960
2440	Mega Limited		X	AS199124
2441	Shearman & Sterling			AS14163
2442	FriendFinder Networks Inc		X	AS25875
2443	Lambda			AS398090
2444	Grifonline S.r.l.		X	AS43942
2445	PT APLIKA DATA NUSANTARA		X	AS140421
2446	Disney Worldwide Services, Inc.		X	AS23344
2447	M-Tech Systems Ltd			AS203582
2448	Louis Vuitton Malletier SA			AS203554
2449	Rutgers, The State University		X	AS46
2450	Planisware SAS		X	AS205845
2451	THE INTERPUBLIC GROUP OF COMPANIES, INC.			AS17044
2452	Google Ireland Limited		X	AS43515
2453	Adams CATV, Inc		X	AS14928
2454	Weblin Services Inc		X	AS29757
2455	Momentum Telecom, Inc.			AS26079
2456	GTT Communications Inc.		X	AS286
2457	Media Connective LLP			AS206352
2458	ITS akciova spolecnost		X	AS48417
2459	Markus Rosignol			AS24632
2460	Babiel GmbH			AS198913
2461	Network Research Belgium S.A.		X	AS12942
2462	Korporativni partner Ltd		X	AS51579
2463	Equity Residential			AS30278
2464	Securebit AG			AS58057
2465	South Central Power Company		X	AS394611
2466	AS STV		X	AS61307
2467	EOS Technology Solutions GmbH			AS204061
2468	Proofpoint, Inc.		X	AS26211
2469	Euris Health Cloud SAS			AS12362
2470	Public Telecommunication Corporation		X	AS30873
2471	Group of Columbia			AS337659

2436	DSV A/S		X	AS49362
2437	Electronic Arts Limited			AS56723
2438	Triton Digital			AS13360
2439	OOO Scientific-Production Center Tetra			AS30960
2440	Mega Limited		X	AS199124
2441	Shearman & Sterling			AS14163
2442	FriendFinder Networks Inc		X	AS25875
2443	Lambda			AS398090
2444	Grifonline S.r.l.		X	AS43942
2445	PT APLIKA DATA NUSANTARA		X	AS140421
2446	Disney Worldwide Services, Inc.		X	AS23344
2447	M-Tech Systems Ltd			AS203582
2448	Louis Vuitton Malletier SA			AS203554
2449	Rutgers, The State University		X	AS46
2450	Planisware SAS		X	AS205845
2451	THE INTERPUBLIC GROUP OF COMPANIES, INC.			AS17044
2452	Google Ireland Limited		X	AS43515
2453	Adams CATV, Inc		X	AS14928
2454	Weblin Services Inc		X	AS29757
2455	Momentum Telecom, Inc.			AS26079
2456	GTT Communications Inc.		X	AS286
2457	Media Connective LLP			AS206352
2458	ITS akciova spolecnost		X	AS48417
2459	Markus Rosignol			AS24632
2460	Babiel GmbH			AS198913
2461	Network Research Belgium S.A.		X	AS12942
2462	Korporativniy partner Ltd		X	AS51579
2463	Equity Residential			AS30278
2464	Securebit AG			AS58057
2465	South Central Power Company		X	AS394611
2466	AS STV		X	AS61307
2467	EOS Technology Solutions GmbH			AS204061
2468	Proofpoint, Inc.		X	AS26211
2469	Euris Health Cloud SAS			AS12362
2470	Public Telecommunication Corporation		X	AS30873
2471	Group of Goldline			AS397655



AS1299 Arelion Sweden AB

- Quick Links**
- GP Toolkit Home
 - GP Prefix Report
 - GP Peer Report
 - Super Traceroute
 - Super Looking Glass
 - Exchange Report
 - BGP Routes
 - World Report
 - Multi Origin Routes
 - AS Report
 - ISP Host Report
 - Internet Statistics
 - Looking Glass
 - Network Tools App
 - Free IPv6 Tunnel
 - IPv6 Certification
 - IPv6 Progress
 - Doing Native
 - Credits
 - Contact Us

AS Info

Graph v4

Graph v6

Prefixes v4

Prefixes v6

Peers v4

Peers v6

Whois

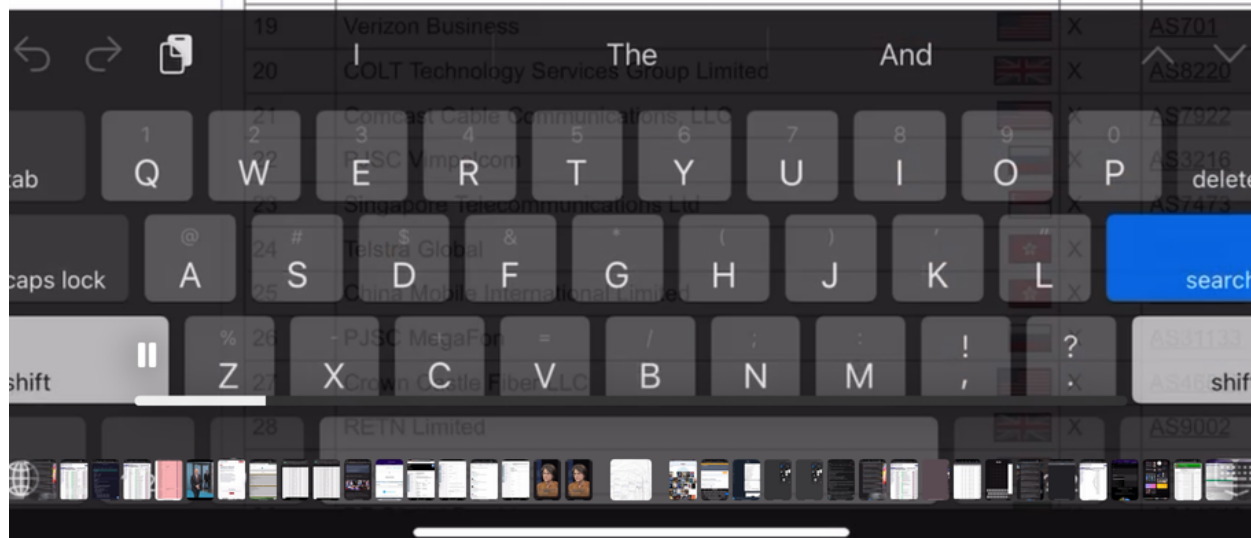
RDAP

IRR

IX

Traceroute

Rank	Description		IPv6	Peer
1	Level 3 Parent, LLC		X	AS3356
2	Cogent Communications		X	AS174
3	Hurricane Electric LLC		X	AS6939
4	GTT Communications Inc.		X	AS3257
5	TATA COMMUNICATIONS (AMERICA) INC		X	AS6453
6	TELECOM ITALIA SPARKLE S.p.A.		X	AS6762
7	NTT America, Inc.		X	AS2914
8	BHARTI Airtel Ltd.		X	AS9498
9	Zayo Bandwidth		X	AS6461
10	Angola Cables		X	AS37468
11	GlobeNet Cabos Submarinos Colombia, S.A.S.		X	AS52320
12	PJSC Rostelecom		X	AS12389
13	PCCW Global, Inc.		X	AS3491
14	EDGEUNO S.A.S		X	AS7195
15	TELEFONICA GLOBAL SOLUTIONS SL		X	AS12956
16	Vodafone Group PLC		X	AS1273
17	Orange S.A.		X	AS5511
18	Joint Stock Company TransTeleCom		X	AS20485



29	COLT Technol		X	AS8220
30	Datacamp Limite		X	AS8220
31	Internet Initiative Japan Inc.		X	AS2497
32	Columbus Networks USA, Inc.		X	AS23520
33	Liberty Global B.V.		X	AS6830
34	Administracion Nacional de Telecomunicaciones		X	AS6057
35	PJSC MegaFon		X	AS31133
36	Singapore Telecommunications Ltd		X	AS7473
37	Comcast Cable Communications, LLC		X	AS7922
38	China Mobile International Limited		X	AS58453
39	Joint Stock Company TransTeleCom		X	AS20485
40	SEACOM Limited		X	AS37100
41	Verizon Business		X	AS701
42	Reliance Jio Infocomm Pte Ltd Singapore		X	AS64049
43	Vocus Connect International Backbone		X	AS4826
44	Sify Limited		X	AS9583
45	Broadband Hosting B.V.		X	AS24785
46	Turk Telekomunikasyon Anonim Sirketi		X	AS9121
47	Crown Castle Fiber LLC		X	AS46887
48	WIIT AG		X	AS24961
49	SoftBank Corp.		X	AS17676
50	PJSC Vimpelcom		X	AS3216
51	PT. Cyberindo Aditama		X	AS38158
52	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
53	AT&T Services, Inc.		X	AS7018
54	SAMM TECNOLOGIA E TELECOMUNICACOES S.A		X	AS262589
55	atom86 BV		X	AS8455
56	Charter Communications Inc		X	AS7843
57	SH.cz s.r.o.		X	AS39392
58	FPT Telecom Company		X	AS18403
59	TM TECHNOLOGY SERVICES SDN BHD		X	AS4788
60	Indosat Singapore Pte. Ltd.		X	AS131219
61	Init7 (Switzerland) Ltd.		X	AS13030
62	GlobalConnect A/S		X	AS31027
63	GoCodeIT Inc		X	AS835
64	Superloop		X	AS38195
65	JSC ER-Telecom Holding		X	AS9049
66	Netassoci Limited		X	AS29632
67	UFINET PANAMA S.A.		X	AS52468

143	SIA Tet	November 5, 2024 10:08 PM		X	AS5516
144	Orange Polska Spółka Akcyjna			X	AS5617
145	DOMINICAN CABLE GROUP DCG, S.R.L.			X	AS64126
146	Aussie Broadband			X	AS4764
147	ARTERIA Networks Corporation			X	AS2519
148	Anycast Global Backbone			X	AS58511
149	F5 Networks SARL			X	AS35280
150	Taiwan Internet Gateway			X	AS9505
151	UNINET			X	AS8151
152	Voxility LLP			X	AS3223
153	UPX US LLC			X	AS400282
154	Global-Gateway Internet			X	AS4648
155	StarHub Ltd			X	AS4657
156	Elisa Oyj			X	AS6667
157	Ote SA (Hellenic Telecommunications Organisation)			X	AS12713
158	Netwerkvereniging Coloclue			X	AS8283
159	True International Gateway Co., Ltd.			X	AS38082
160	Cellcom Fixed Line Communication L.P			X	AS1680
161	Telehouse EAD			X	AS57344
162	Philippine Long Distance Telephone Company			X	AS9299
163	Charter Communications			X	AS20115
164	M247 Europe SRL			X	AS9009
165	Bahnhof AB			X	AS8473
166	ISP Alliance a.s.			X	AS47232
167	SIA Tet			X	AS12578
168	Exatel S.A.			X	AS20804
169	Beanfield Technologies Inc.			X	AS21949
170	GLBB Japan KK			X	AS55900
171	MTS PJSC			X	AS8359
172	Quantcom, a.s.			X	AS29208
173	Pakistan Telecommunication Company Limited			X	AS17557
174	Orange Polska Spółka Akcyjna			X	AS29535
175	GLOBALCONNECT NO			X	AS2116
176	TELUS Communications Inc.			X	AS852
177	O2 Czech Republic, a.s.			X	AS5610
178	SWITCH, LTD			X	AS23005
179	Feenix Communications Limited			X	AS135069
180	G-Core Labs S.A.			X	AS199524
181	Institute of Bioorganic Chemistry Polish Academy of Science, Poznan Supercomputing and Networking Center			X	AS13293

07	OPINET PANAMA			
68	APNIC ASN block			
69	PT Cyber Network Indonesia		X	AS38496
70	PT Telekomunikasi Indonesia		X	AS7713
71	FLAG TELECOM UK LIMITED		X	AS15412
72	GlobalConnect AB		X	AS12552
73	CHINA UNICOM China169 Backbone		X	AS4837
74	IELO-LIAZO SERVICES SAS		X	AS29075
75	The Communications Authority of Thailand(CAT)		X	AS4651
76	PT. Mega Akses Persada		X	AS136106
77	VIRTUA SYSTEMS SAS		X	AS35661
78	AIRE NETWORKS DEL MEDITERRANEO SL UNIPERSONAL		X	AS29119
79	ANEXIA Internetdienstleistungs GmbH		X	AS47147
80	INTERKVM HOST SRL		X	AS6204
81	Euroweb Romania S.R.L.		X	AS6663
82	EDGOO NETWORKS UNIPESOA LDA		X	AS6424
83	Windstream Communications LLC		X	AS7029
84	WholeSale Internet, Inc.		X	AS32097
85	KDDI CORPORATION		X	AS2516
86	TPG Telecom Limited		X	AS7545
87	Free Pro SAS		X	AS30781
88	Telenor Norge AS		X	AS2119
89	NCRYPTD NET LTD		X	AS34465
90	Fusix Networks B.V.		X	AS57866
91	Gigahost AS		X	AS56655
92	Slovak Telekom, a.s.		X	AS6855
93	Fiber Telecom S.p.A.		X	AS41327
94	Equinix (EMEA) Acquisition Enterprises B.V.		X	AS15830
95	Operbes, S.A. de C.V.		X	AS18734
96	Wave Broadband		X	AS11404
97	Telia Company AB		X	AS3301
98	meerfarbig GmbH & Co. KG		X	AS34549
99	1&1 Versatel Deutschland GmbH		X	AS8881
100	Eurotranstelecom Ltd		X	AS35320
101	NORDUnet		X	AS2603
102	PT. Saranainsan Mudaselaras		X	AS55655
103	A1 Telekom Austria AG		X	AS8447
104	xTom OU		X	AS3204
105	Shaw Communications Inc		X	AS6327
106	Zenlayer Inc		X	AS4229

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105	Shaw Commun...		X	AS3527
106	Zenlayer Inc		X	AS3527
107	Saudi Telecom Company JSC		X	AS39386
108	VERIXI SA		X	AS6696
109	INETCOM CARRIER LLC		X	AS35598
110	EMIRATES TELECOMMUNICATIONS GROUP COMPANY (ETISALAT GROUP) PJSC		X	AS8966
111	Viettel Group		X	AS7552
112	LWLcom GmbH		X	AS50629
113	IX Reach Ltd		X	AS4455
114	Melbikomas UAB		X	AS56630
115	DIGI ROMANIA S.A.		X	AS8708
116	31173 Services AB		X	AS39351
117	Amazon.com, Inc.		X	AS16509
118	Bell Canada		X	AS577
119	Wholesail networks LLC		X	AS20055
120	Cox Communications Inc.		X	AS22773
121	HYEHOST LTD		X	AS47272
122	Tritan Development		X	AS39357
123	APNIC ASN block		X	AS55850
124	Stowarzyszenie e-Poludnie		X	AS50607
125	Bezeq International Ltd.		X	AS8551
126	SWAN, a.s.		X	AS5578
127	HiNet Service Center in U.S.A		X	AS9680
128	HIVELOCITY, Inc.		X	AS29802
129	PRIVATE JOINT STOCK COMPANY DATAGROUP		X	AS3326
130	Unitas Global		X	AS1828
131	FNE-Finland Oy		X	AS47605
132	M-net Telekommunikations GmbH		X	AS8767
133	Akamai Technologies, Inc.		X	AS32787
134	Tele2 Sverige AB		X	AS1257
135	IP-Max SA		X	AS25091
136	BIGLOBE Inc.		X	AS2518
137	DMIT Cloud Services		X	AS906
138	PT Aplikasi Lintasarta		X	AS4800
139	RoyaleHosting BV		X	AS21247
140	Belgacom International Carrier Services SA		X	AS6774
141	FirstLight Fiber, Inc.		X	AS13536
142	British Telecommunications PLC		X	AS5400
143	SIA Tet		X	AS5518
144	DOMINICAN CABLE GROUP PCC S.R.L.		X	AS64426

178	SWITCH, LTD		X	AS23009
179	Feenix Commu		X	AS23009
180	G-Core Labs S.A.		X	AS19952
181	Institute of Bioorganic Chemistry Polish Academy of Science, Poznan Supercomputing and Networking Center		X	AS13293
182	TDC Holding A/S		X	AS3292
183	TowardEX Technologies International, Inc.		X	AS27552
184	Telia Norge AS		X	AS25400
185	T-Mobile Polska S.A.		X	AS12912
186	Oath Holdings Inc.		X	AS10310
187	Telia Lietuva, AB		X	AS8764
188	OSNET Wireless		X	AS21559
189	GleSYS AB		X	AS42708
190	hkgo LLC			AS945
191	Eviny Digital AS		X	AS30950
192	LLC Nauka-Svyaz		X	AS8641
193	Zain Omantel International FZ-LLC		X	AS59605
194	PT. NAP Info Lintas Nusa		X	AS45147
195	Futruy s.r.o.		X	AS42000
196	Uniti Fiber Holdings Inc.		X	AS13760
197	Retelit Digital Services S.p.A.		X	AS28716
198	EWE TEL GmbH		X	AS9145
199	Etihad Etisalat, a joint stock company		X	AS48237
200	Link11 GmbH		X	AS34309
201	INDOSAT Internet Network Provider		X	AS4761
202	Universitaet Stuttgart		X	AS553
203	Globe Telecoms		X	AS4775
204	Atlantic Metro Communications II, Inc.		X	AS29838
205	Ooredoo Q.S.C.		X	AS8781
206	Airstream Communications, LLC		X	AS11796
207	Telia Eesti AS		X	AS3249
208	Serbia BroadBand-Srpske Kablovske mreze d.o.o.		X	AS31042
209	ParadoxNetworks Limited		X	AS52025
210	Societe Francaise Du Radiotelephone - SFR SA		X	AS15557
211	Telconet S.A		X	AS27947
212	Hydra Communications Ltd		X	AS25369
213	TIME dotCom Berhad No. 14, Jalan Majistret U1/26 Hicom Glenmarie Industrial Park 40150 Shah Alam Sel		X	AS9930
214	comtrance service GmbH		X	AS30962
215	1-2, d.o.o.		X	AS34779
216	Verizon Business		X	AS702

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213	TIME dotCom			
214	comtrance service GmbH		X	AS30962
215	T-2, d.o.o.		X	AS34779
216	Verizon Business		X	AS702
217	VeriSign Infrastructure & Operations		X	AS7342
218	GVVME		X	AS12186
219	Wobcom GmbH		X	AS9136
220	Ryamer, LLC		X	AS400587
221	Nexthop AS		X	AS49788
222	NetCom BW GmbH		X	AS41998
223	Jon Arve Vanvik		X	AS210152
224	Blix Solutions AS		X	AS50304
225	123.Net, Inc.		X	AS12129
226	Eranium B.V.		X	AS35133
227	PT Jala Lintas Media		X	AS55685
228	Mythic Beasts Ltd		X	AS44684
229	LUXNETWORK S.A.		X	AS29467
230	Nine Internet Solutions AG		X	AS29691
231	Orange Romania S.A.		X	AS9050
232	JasTel Network International Gateway		X	AS45629
233	Cloudflare, Inc.		X	AS13335
234	Aureon Network Services		X	AS5056
235	WNET TELECOM USA Corp.		X	AS1820
236	FreeTel, s.r.o.		X	AS8251
237	PhoenixNAP LLC		X	AS12189
238	CETIN a.s.		X	AS28725
239	NetCologne Gesellschaft fur Telekommunikation mbH		X	AS8422
240	A1 Bulgaria EAD		X	AS8717
241	Spirit Communications		X	AS2711
242	Korea Telecom		X	AS4766
243	Krypt Technologies		X	AS4213
244	WorldStream B.V.		X	AS49981
245	Flexential Colorado Corp.		X	AS13649
246	Videotron Ltee		X	AS22652
247	ETB - Colombia		X	AS19429
248	Hetzner Online GmbH		X	AS24940
249	Verein zur Foerderung eines Deutschen Forschungsnetzes e.V.		X	AS680
250	VNET a.s.		X	AS29405
251	LS Networks		X	AS25899
252	Telia Finland Oyj		X	AS1759

262	Blacknight Inter	November 5, 2024 10:08 PM		X	AS3260U
263	China Mobile International Limited			X	AS3260U
264	Suomi Communications Oy			X	AS16302
265	NTS workspace AG			X	AS15576
266	Federal State Institution Federal Scientific Research Institute for System Analysis of the Russian Academy of Sciences			X	AS3267
267	COMCEL GUATEMALA S.A.			X	AS262206
268	NovoServe B.V.			X	AS24875
269	SpainWISP, S.L.			X	AS8637
270	Telecom Operator & Internet Service Provider as well			X	AS17494
271	RCN			X	AS6079
272	Arcadiz Telecom NV			X	AS50309
273	Rackforest Zrt.			X	AS62214
274	Google LLC			X	AS15169
275	TierPoint, LLC			X	AS17378
276	GNC-Alfa CJSC			X	AS49800
277	Hrvatski Telekom d.d.			X	AS5391
278	Tamara Telecom Ltd			X	AS208905
279	ABACLOUD SAS			X	AS56987
280	MEO - SERVICOS DE COMUNICACOES E MULTIMEDIA S.A.			X	AS8657
281	Hive Data Center Inc.			X	AS33185
282	Mila hf			X	AS6677
283	oja.at GmbH			X	AS39912
284	xTom GmbH			X	AS3214
285	Real World - The Core			X	AS45437
286	Akamai International B.V.			X	AS20940
287	Midcontinent Communications			X	AS11232
288	firstcolo GmbH			X	AS44066
289	Odido Netherlands B.V.			X	AS50266
290	Network Platforms (PTY) LTD			X	AS328832
291	i3D.net B.V.			X	AS49544
292	JMP Technology Services GmbH			X	AS61423
293	Horyzont Technologie Internetowe sp.z.o.o.			X	AS50606
294	ANEXIA Internetdienstleistungs GmbH			X	AS42473
295	US Internet Corp			X	AS10242
296	RADIOKOMUNIKACE a.s.			X	AS25248
297	Linknet-Exchange ASN			X	AS7632
298	Oracle Corporation			X	AS31898
299	Georgia Institute of Technology			X	AS10490
300	Airtek Solutions C.A.			X	AS61461

305	Radware Ltd		X	AS9834
306	LeaseWeb Netw...		X	AS13333
307	VSE NET GmbH		X	AS9063
308	23M GmbH		X	AS47447
309	EastLink		X	AS11260
310	GANDI SAS		X	AS29169
311	TKRZ Stadtwerke GmbH		X	AS42184
312	Syringa Networks, LLC		X	AS15305
313	IPB Internet Provider in Berlin GmbH		X	AS20647
314	Atman Sp. z o.o.		X	AS15694
315	TELEKOM SRBIJA a.d.		X	AS8400
316	Plus.line AG		X	AS12306
317	JSC ER-Telecom Holding		X	AS48858
318	University of Maryland		X	AS10886
319	Dakota Carrier Network		X	AS26794
320	APNIC ASN block		X	AS137366
321	Zenlayer Inc		X	AS21859
322	REVOLUTION PROVIDER SRL		X	AS41720
323	Orange Romania S.A.		X	AS8953
324	Emirates Integrated Telecommunications Company PJSC		X	AS15802
325	DIL Technology Limited		X	AS210021
326	MoeDove LLC			AS44324
327	NETSYST SAS		X	AS209097
328	Bluebird Network		X	AS62943
329	Aixit GmbH		X	AS29551
330	Total Access Communication PLC.		X	AS10089
331	BSE Software GmbH		X	AS9044
332	Telco Pro Services, a. s.		X	AS39791
333	Advania Island ehf		X	AS30818
334	Unitas Global		X	AS12182
335	AZERTELECOM LLC		X	AS196925
336	Jump Networks Ltd		X	AS8943
337	OMONIA d.o.o.		X	AS44306
338	Alestra, S. de R.L. de C.V.		X	AS11172
339	84 Grams AB		X	AS57630
340	IONOS SE		X	AS8560
341	VSHosting s.r.o.		X	AS43541
342	Tashi InfoComm Limited		X	AS38740
343	Bell Canada		X	AS855
344	ha-vel internet s.r.o.		X	AS15935
345	King Fiber Inc.		X	AS22133

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	340	IONOS SE		X	AS43541
	341	VSHosting s.r.o.		X	AS38740
	342	Tashi InfoComm Limited		X	AS855
	343	Bell Canada		X	AS15935
	344	ha-vel internet s.r.o.		X	AS32133
	345	Ting Fiber Inc.		X	AS29049
	346	Delta Telecom Ltd		X	AS19782
	347	Indiana University		X	AS44735
	348	Nova hf		X	AS1267
	349	WIND TRE S.P.A.		X	AS28458
	350	IEN TC S DE RL DE CV		X	AS56911
	351	Warian S.R.L.		X	AS20904
	352	Cinia Oy		X	AS56595
	353	Fluency Communications Ltd		X	AS25512
	354	CD-Telematika a.s.		X	AS20326
	355	TeraSwitch Networks Inc.		X	AS38040
	356	TOT Public Company Limited		X	AS24724
	357	Atman Sp. z o.o.		X	AS8368
	358	Destiny N.V		X	AS60169
	359	R-KOM Regensburger Telekommunikationsgesellschaft mbH		X	AS5606
	360	GTS Telecom SRL		X	AS12337
	361	noris network AG		X	AS22822
	362	Limelight Networks, Inc.		X	AS2828
	363	Verizon Business		X	AS18059
	364	DTPNET NAP		X	AS42541
	365	Fiberby ApS		X	AS56665
	366	Proximus Luxembourg S.A.		X	AS15932
	367	TELENOR LINX AS		X	AS14041
	368	University Corporation for Atmospheric Research		X	AS48362
	369	Stadtwerke Feldkirch		X	AS62240
	370	Clouvider Limited		X	AS703
	371	Verizon Business		X	AS16637
	372	MTN SA		X	AS23379
	373	Blackburn Technologies II, LLC		X	AS12778
	374	MEGA M, d.o.o.		X	AS49600
	375	NEAR IP, S.L.		X	AS53597
	376	Hovos Consulting LLC		X	AS13767
	377	DataBank Holdings, Ltd.		X	

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371	Verizon Business				
372	MTN SA				
373	Blackburn Technologies II, LLC		X		AS23379
374	MEGA M, d.o.o.		X		AS12778
375	NEAR IP, S.L.		X		AS49600
376	Hoyos Consulting LLC				AS53597
377	DataBank Holdings, Ltd.		X		AS13767
378	Fastweb SpA		X		AS12874
379	Metronet		X		AS30600
380	inexio Informationstechnologie und Telekommunikation Gmbh		X		AS8899
381	SEEWEB s.r.l.		X		AS12637
382	LITECOM AG		X		AS33965
383	Shenandoah Cable Television LLC		X		AS4922
384	Grande Communications Networks, LLC		X		AS7459
385	Tschajera Limited				AS209022
386	Hong Kong Broadband Network Ltd.		X		AS9269
387	Compaa Dominicana de Telfonos S. A.		X		AS6400
388	Ukrainian Telecommunication Group LLC		X		AS50581
389	2 connect a.s.		X		AS35236
390	Epsilon Telecommunications Ltd		X		AS44356
391	GAS&COM AG		X		AS47176
392	Mobifone Global JSC		X		AS45896
393	Iron Mountain Data Center		X		AS12025
394	OneCleveland		X		AS19009
395	INTERNET AG Global Network		X		AS8495
396	Merit Network Inc.		X		AS237
397	MobiCom Corporation		X		AS55805
398	NEOTEL DOO export-import Skopje		X		AS34772
399	LASOTEL SAS		X		AS39180
400	FiberX		X		AS6208
401	Rackspace Hosting		X		AS12200
402	Cityfibre Limited		X		AS8468
403	xTom Pty Ltd		X		AS8888
404	Unite Private Networks LLC.		X		AS15164
405	Virtual Technologies & Solutions		X		AS37721
406	NorthC Deutschland GmbH		X		AS15598
407	HighSpeed Office Limited		X		AS39326
408	Thuega SmartService GmbH		X		AS198726
409	Netwise Hosting Ltd		X		AS60800
410	SAREnet, S.A.		X		AS3262

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383	Shenandoah C					AS1439
384	Grande Commun					
385	Tschajera Limited					AS20902
386	Hong Kong Broadband Network Ltd.		X			AS9269
387	Compaa Dominicana de Telfonos S. A.		X			AS6400
388	Ukrainian Telecommunication Group LLC		X			AS50581
389	2 connect a.s.		X			AS35236
390	Epsilon Telecommunications Ltd		X			AS44356
391	GAS&COM AG		X			AS47176
392	Mobifone Global JSC		X			AS45896
393	Iron Mountain Data Center		X			AS12025
394	OneCleveland		X			AS19009
395	INTERNET AG Global Network		X			AS8495
396	Merit Network Inc.		X			AS237
397	MobiCom Corporation		X			AS55805
398	NEOTEL DOO export-import Skopje		X			AS34772
399	LASOTEL SAS		X			AS39180
400	FiberX		X			AS6208
401	Rackspace		X			AS12200
402	Cityfibre		X			AS8468
403	xTom F		X			AS8888
404	Unite F		X			AS15164
405	Virtual		X			AS37721
406	NorthC Deutschland GmbH		X			AS15598
407	HighSpeed Office Limited		X			AS39326
408	Thuega SmartService GmbH		X			AS198726
409	Netwise Hosting Ltd		X			AS60800
410	SAREnet, S.A.		X			AS3262
411	Daisy Corporate Services Trading Ltd		X			AS5413
412	Aptum Technologies		X			AS13768
413	vServer.site LTD		X			AS56382
414	Ritter Communications		X			AS23404
415	Unitas Global		X			AS12179
416	APNIC ASN block		X			AS45758
417	P4 Sp. z o.o.		X			AS31242
418	CASABLANCA INT a.s.		X			AS15685
419	HAProxy Technologies, Inc.		X			AS11019
420	WIA spol. s.r.o.		X			AS21430
421	BIT BV		X			AS12859
422	Pixel Factory		X			AS32425

479	MEVSPACE Sp.			
480	MULTI SERVICE SRL			
481	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS49808
482	Neutral Data Centers Corp.		X	AS33554
483	JCOM Co., Ltd.		X	AS9824
484	Infomaniak Network SA		X	AS29222
485	Noris-ITK GmbH		X	AS47526
486	Quickline AG		X	AS15600
487	Cofractal, Inc.		X	AS26073
488	MVM NET Zrt.		X	AS47169
489	VAS Latvijas Valsts radio un televizijas centrs		X	AS8194
490	ALWAYS ON SAS		X	AS50628
491	SOUTH DAKOTA NETWORK		X	AS13576
492	NEOCOMISP LIMITED, IPTX Transit and Network Service Provider in Cambodia.		X	AS9902
493	360NET C.A.		X	AS267809
494	GoDaddy.com, LLC		X	AS26496
495	HostHatch, LLC		X	AS63473
496	Sony Interactive Entertainment LLC		X	AS33353
497	Eircom Limited		X	AS5466
498	IP ServerOne Solutions Sdn Bhd		X	AS45352
499	The Municipal Communications Utility of the City of Cedar Falls, Iowa		X	AS13855
500	Unitas Global		X	AS10913
501	Localitel bvba		X	AS48408
502	COORDINADORA DE CARRIER'S, S.A. DE C.V.		X	AS19332
503	Rozint Ltd Co		X	AS21738
504	Telemach Hrvatska d.o.o.		X	AS34594
505	WiscNet		X	AS2381
506	Bredband2 AB		X	AS29518
507	Norlys Digital A/S		X	AS39642
508	VECTRA S.A.		X	AS29314
509	UK-2 Limited		X	AS13213
510	Korbank S. A.		X	AS35179
511	Accelecom		X	AS31877
512	Opteamax GmbH		X	AS48200
513	CZ.NIC, z.s.p.o.		X	AS25192
514	Nawork Internet Informationssysteme GmbH		X	AS9211
515	Quality Technology Services, LLC		X	AS17018
516	Wintek Corporation		X	AS11114

407	HighSpeed Off		X	AS198720
408	Thuega SmartService GmbH		X	AS60800
409	Netwise Hosting Ltd		X	AS3262
410	SAREnet, S.A.		X	AS5413
411	Daisy Corporate Services Trading Ltd		X	AS13768
412	Aptum Technologies		X	AS56382
413	vServer.site LTD		X	AS23404
414	Ritter Communications		X	AS12179
415	Unitas Global		X	AS45758
416	APNIC ASN block		X	AS31242
417	P4 Sp. z o.o.		X	AS15685
418	CASABLANCA INT a.s.		X	AS11019
419	HAProxy Technologies, Inc.		X	AS21430
420	WIA spol. s.r.o.		X	AS12859
421	BIT BV		X	AS29909
422	MetroOptic, Inc.		X	AS32425
423	Pixel Factory		X	AS8926
424	Moldtelecom SA		X	AS48635
425	CLDIN B.V.		X	AS271
426	BCNET		X	AS6697
427	Republican Unitary Telecommunication Enterprise Beltelecom		X	AS397423
428	Tier.Net Technologies LLC		X	AS35432
429	Cablenet Communication Systems plc		X	AS20676
430	Plusnet GmbH		X	AS13807
431	Great Plains Communications LLC		X	AS5539
432	SpaceNet AG		X	AS31477
433	Duocast B.V.		X	AS7992
434	Cogeco Connexion Inc.		X	AS63927
435	RISE		X	AS35706
436	Net at Once Sweden AB		X	AS2686
437	AT&T Corp.		X	AS20773
438	Host Europe GmbH		X	AS46450
439	Pilot Fiber, Inc.		X	AS9146
440	BH Telecom d.d. Sarajevo		X	AS13789
441	Unitas Global		X	AS35847
442	Ezee Fiber		X	AS34347
443	HALLAG Kommunal GmbH		X	AS56308
444	TELEKOMUNIKASI INDONESIA INTERNATIONAL, PTE.LTD		X	AS8896
445	GLOBALCONNECT AS		X	AS3517
446	GlobalConnect AS		X	AS40994

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517	Beyond.pl sp. z o.o.		X	AS31229
518	Netassist Limited			AS43426
519	DSM (GB) Limited		X	AS48070
520	PRIVATE JOINT-STOCK COMPANY FARLEP-INVEST		X	AS12883
521	Vivacom Bulgaria EAD		X	AS8866
522	MOJOHOST		X	AS27589
523	Elisa Eesti AS			AS2586
524	Metro Communications Company, Inc.		X	AS53610
525	Citytelecom LLC			AS3175
526	ColoHouse LLC		X	AS47869
527	Consortium GARR		X	AS137
528	Global Communication Net Plc		X	AS12615
529	Teleservice Bredband Skane AB		X	AS34244
530	DATAKOM CARIBE, INC.		X	AS10396
531	Civilisation Information Technology, communication and internet services Co., LTD		X	AS211181
532	Aspire Technology Solutions Ltd		X	AS51043
533	Cyberlink AG		X	AS15623
534	TELECOMUNICACIONES DE GUATEMALA, SOCIEDAD ANONIMA		X	AS14754
535	wilhelm.tel GmbH		X	AS15943
536	Jisc Services Limited		X	AS786
537	XTRA TELECOM S.A.		X	AS15704
538	Vodafone Hungary Ltd.		X	AS21334
539	Global IP Networks INC		X	AS7819
540	Trusted Network GmbH		X	AS21385
541	University of Illinois		X	AS40387
542	Instituto Costarricense de Electricidad y Telecom.		X	AS11830
543	LightEdge Solutions		X	AS11320
544	ComSource s.r.o.		X	AS199803
545	RelAix Networks GmbH		X	AS34953
546	Invitech ICT Services Kft.		X	AS12301
547	ScaleUp Technologies GmbH & Co. KG		X	AS29014
548	PlusServer GmbH		X	AS61157
549	Art of Automation B.V.		X	AS60893
550	Omani Qatari Telecommunication Company SAOC		X	AS50010
551	Blackfoot Telephone Cooperative, Inc.		X	AS21947

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443	HALLAG Komr		X	AS34300
444	TELEKOMUNIKASI INDONESIA INTERNATIONAL, PTE.LTD		X	AS56308
445	GLOBALCONNECT AS		X	AS8896
446	Great Lakes Comnet, Inc.		X	AS30517
447	Hohl IT e.U.		X	AS40994
448	NHM - S.R.L.		X	AS62275
449	Telia Company AB		X	AS3308
450	Vox Telecom Ltd		X	AS11845
451	Hopkinsville Electric System		X	AS13781
452	Sentia Denmark A/S		X	AS47292
453	Netrouting B.V.		X	AS6206
454	Amito Ltd		X	AS60610
455	NTE TELEKOM AS		X	AS34087
456	Microsoft Corporation		X	AS8075
457	Accenture B. V.		X	AS8315
458	Steadfast		X	AS32748
459	Peninsula Fiber Network, LLC		X	AS46208
460	ERC Broadband		X	AS27446
461	Hot-Net internet services Ltd.		X	AS12849
462	INTERNET TELEFONIA Y TV DE MICHOACAN SA DE CV		X	AS28398
463	EX Networks Limited		X	AS35266
464	CETIN Ltd. Belgrade		X	AS15958
465	Unitas Global		X	AS14745
466	Hong Kong Beecloud System Technology Services Limited		X	AS140570
467	Vorboss Limited		X	AS25160
468	FiberLight, LLC		X	AS13876
469	WoodyNet, Inc.		X	AS42
470	Uzbektelekom Joint Stock Company		X	AS28910
471	DQE Communications LLC			AS33154
472	JSC Silknet		X	AS35805
473	Cyprus Telecommunications Authority		X	AS6866
474	ONEQCODE ASSETS PTY LTD		X	AS140627
475	MIRhosting B.V.		X	AS52000
476	Simply Transit Ltd		X	AS29550
477	Kansas Research and Education Network		X	AS2495
478	The Fusion Network, LLC		X	AS19754
479	MEVSPACE sp. z o.o.		X	AS201814
480	MULTI SERVICE S.R.L.S.			AS215664
481	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS49808
482	Natural Data Centers Corp		X	AS33254

517	Beyond.pl sp. z o.o.		X	AS40724
518	Netassist Limited		X	AS12883
519	DSM (GB) Limited		X	AS8866
520	PRIVATE JOINT-STOCK COMPANY FARLEP-INVEST		X	AS27589
521	Vivacom Bulgaria EAD		X	AS2586
522	MOJOHOST		X	AS53610
523	Elisa Eesti AS			AS3175
524	Metro Communications Company, Inc.		X	AS47869
525	Citytelecom LLC			AS137
526	ColoHouse LLC		X	AS12615
527	Consortium GARR		X	AS34244
528	Global Communication Net Plc		X	AS10396
529	Teleservice Bredband Skane AB		X	AS211181
530	DATACOM CARIBE, INC.		X	AS51043
531	Civilisation Information Technology, communication and internet services Co., LTD		X	AS15623
532	Aspire Technology Solutions Ltd		X	AS14754
533	Cyberlink AG		X	AS15943
534	TELECOMUNICACIONES DE GUATEMALA, SOCIEDAD ANONIMA		X	AS786
535	wilhelm.tel GmbH		X	AS15704
536	Jisc Services Limited		X	AS21334
537	XTRA TELECOM S.A.		X	AS7819
538	Vodafone Hungary Ltd.		X	AS21385
539	Global IP Networks INC		X	AS40387
540	Trusted Network GmbH		X	AS11830
541	University of Illinois		X	AS11320
542	Instituto Costarricense de Electricidad y Telecom.		X	AS199803
543	LightEdge Solutions		X	AS34953
544	ComSource s.r.o.		X	AS12301
545	RelAix Networks GmbH		X	AS29014
546	Invitech ICT Services Kft.		X	AS61157
547	ScaleUp Technologies GmbH & Co. KG		X	AS60893
548	PlusServer GmbH		X	AS50010
549	Art of Automation B.V.		X	AS21947
550	Omani Qatari Telecommunication Company SAOC		X	AS12360
551	Blackfoot Telephone Cooperative, Inc.		X	AS59692
552	KEVAG Telekom GmbH		X	AS30282
553	IQWeb FZ-LLC		X	
554	Unitas Global		X	

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549	Art of Automation S.V.		X	AS66666
550	Omani Qatari Telecommunication Company SAOC		X	AS50010
551	Blackfoot Telephone Cooperative, Inc.		X	AS21947
552	KEVAG Telekom GmbH		X	AS12360
553	IQWeb FZ-LLC		X	AS59692
554	Unitas Global		X	AS30282
555	Canal + Telecom SAS		X	AS21351
556	Giulio Lo Presti		X	AS34428
557	CDLAN SpA		X	AS20836
558	OCTOPUS WEB SOLUTION INC		X	AS984
559	doof.net		X	AS39582
560	MOBIFONE Corporation		X	AS13142
561	Texas Department of Information Resources		X	AS6922
562	Man-da.de GmbH		X	AS8365
563	Converge ICT Solutions Inc.		X	AS17639
564	Artfiles New Media GmbH		X	AS8893
565	Pacific Internet Pte Ltd		X	AS4628
566	BT Italia S.p.A.		X	AS8968
567	Free SAS		X	AS12322
568	Webzilla B.V.		X	AS35415
569	ecotel communication ag		X	AS12312
570	TOTAL PLAY TELECOMUNICACIONES SA DE CV		X	AS17072
571	ConnetU Ltd.		X	AS51945
572	LightStorm Services s.r.o.		X	AS42005
573	STACK EMEA - ITALY S.P.A.		X	AS20320
574	DHIVEHI RAAJJEYGE GULHUN PLC		X	AS7642
575	Opus Interactive		X	AS14380
576	dogado GmbH		X	AS8648
577	Micron21 Datacentre Pty Ltd		X	AS38880
578	Unitas Global		X	AS19024
579	AllPoints Fibre Limited		X	AS5482
580	NOVATEL EOOD		X	AS41313
581	Netnod AB		X	AS8674
582	University of Wisconsin System		X	AS3128
583	WhiteLabel IT Solutions Corp		X	AS39462
584	North-Schweiz AG		X	AS42346
585	ENTEKA Medianet GmbH		X	AS12897

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583	WhiteLabel IT Solutions Corp		X	AS394625
584	NorthC Schweiz AG		X	AS42346
585	ENTEGA Medianet GmbH		X	AS12897
586	SaiGon Tourist cable Television Company		X	AS45543
587	Erdenreich Datentechnik GmbH		X	AS13247
588	INTAC Services GmbH		X	AS203759
589	Kyivstar PJSC		X	AS15895
590	COM-IN Telekommunikations GmbH		X	AS51402
591	OVH SAS		X	AS16276
592	Allegro sp. z o.o.		X	AS31621
593	Abissnet sh.a.		X	AS35047
594	PrJSC VF UKRAINE		X	AS21497
595	702 Communications		X	AS15267
596	Central Utah Telephone, Inc.		X	AS36103
597	Aruba S.p.A.		X	AS31034
598	Hofmeir Media GmbH		X	AS196922
599	synaforce GmbH		X	AS57395
600	University of Missouri - dba the Missouri Research and Education Network (MOREnet)		X	AS2572
601	Primetel PLC		X	AS8544
602	Albanian Telecommunications Union SH. P.K.		X	AS198279
603	University of Minnesota		X	AS57
604	BeotelNet-ISP d.o.o		X	AS6700
605	level66.network UG (haftungsbeschraenkt)		X	AS56381
606	eww ag		X	AS3330
607	S-IT Verwaltungs GmbH trading as S-IT Informationstechnologie Betreiber GmbH & Co. KG im Nordschwarzwald		X	AS39702
608	QuadraNet Enterprises LLC		X	AS8100
609	Oklahoma Network for Education Enrichment and		X	AS5078
610	Hrvatski Telekom d.d.		X	AS13046
611	PACKETFABRIC (UK) LTD		X	AS48910
612	Stowarzyszenie e-Poludnie		X	AS212261
613	Exponential-E Ltd.		X	AS25180
614	Earthlink Telecommunications Equipment Trading & Services DMCC		X	AS60051
615	JSC Comcor		X	AS8732
616	Allo Communications LLC		X	AS15108

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647	LD Telecommunications, Inc.		X	AS32270
648	Therecom Ltd		X	AS35614
649	IVER NORGE AS		X	AS57829
650	Mediacom Communications Corp		X	AS30036
651	Monaco Telecom S.A.		X	AS6758
652	Facebook, Inc.		X	AS32934
653	Association Gitoyen		X	AS20766
654	Cologix, Inc		X	AS8001
655	ANTENNA HUNGARIA Magyar Musorszoro es Radiohirkozlesi Zartkoruen Mukodo Reszvenytarsasag		X	AS8990
656	Solcon Internetdiensten B.V.		X	AS12414
657	INEA sp. z o.o.		X	AS13110
658	Information System Authority		X	AS8240
659	Vodafone Idea Ltd		X	AS55410
660	WideOpenWest Finance LLC		X	AS12083
661	Cable Onda		X	AS18809
662	Opus Interactive		X	AS396930
663	OzarksGo, LLC		X	AS395662
664	JSC Ufanet		X	AS47775
665	MULTICABLE NETWORK LLC		X	AS54082
666	GLU TECHNOLOGIES, S.L.		X	AS202550
667	AMX Argentina S.A.		X	AS19037
668	xTom		X	AS6233
669	badenIT GmbH		X	AS13054
670	Cleura AB		X	AS42695
671	D-LAKE SAS		X	AS49028
672	Wieske's Crew GmbH		X	AS13135
673	Peace Communications LLC		X	AS20448
674	LinkBermuda LTD		X	AS11269
675	Armstrong		X	AS27364
676	htp GmbH		X	AS13045
677	HKN GmbH		X	AS12676
678	QuickPacket, LLC		X	AS46261
679	Rechenzentrum Hassfurt GmbH		X	AS44973
680	12651980 CANADA INC.		X	AS399486
681	WIN S.A.		X	AS9208

678	QuickPacket, LLC		X	AS46261
679	Rechenzentrum Hassfurt GmbH		X	AS44973
680	12651980 CANADA INC.		X	AS399486
681	WIN S.A.		X	AS9208
682	Zayo Infrastructure France SA		X	AS8218
683	akquinet outsourcing gGmbH		X	AS35258
684	Redge Technologies sp. z o.o.		X	AS57811
685	eStruxture Data Centers Inc.		X	AS19122
686	SK Broadband Co Ltd		X	AS9318
687	PTI Pacifica Inc.		X	AS7131
688	Baylor College of Medicine		X	AS302
689	One.com A/S		X	AS51468
690	Hanoi Telecom Joint Stock Company - HCMC Branch		X	AS24088
691	SoftLayer Technologies Inc.		X	AS36351
692	Phibee Telecom SAS		X	AS8487
693	Telmex Colombia S.A.		X	AS14080
694	NIDIX NETWORKS S.A. DE C.V.		X	AS265627
695	ANS ACADEMY LIMITED		X	AS61323
696	LLC Orange Business Services		X	AS2854
697	regio[.NET] Holding GmbH		X	AS8804
698	PC Astra-net		X	AS49824
699	Gilat Telecom Ltd.		X	AS12491
700	Quality Technology Services, LLC		X	AS20141
701	Great Lakes Energy Connections Inc.		X	AS398143
702	Baffin Bay Networks AB		X	AS42649
703	freenet Datenkommunikations GmbH		X	AS5430
704	Lao Telecom Communication, LTC		X	AS9873
705	WebNX, Inc.		X	AS18450
706	Arizona Board of Regents		X	AS62600
707	SingNet		X	AS3758
708	Telx		X	AS36086
709	LinkedIn Corporation		X	AS14413
710	NebraskaLink		X	AS16851
711	LU-CIX Management GIE		X	AS208374
712	Rice University		X	AS4557
713	CEGECOM S.A.		X	AS15965

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613	Exponential E Ltd.		X	AS25400
614	Earthlink Telecommunications Equipment Trading & Services DMCC		X	AS60051
615	JSC Comcor		X	AS8732
616	Allo Communications LLC		X	AS15108
617	I.T.E.N.O.S. International Telecom Network Operation Services GmbH		X	AS50533
618	PODA a.s.		X	AS30764
619	Linkt SAS		X	AS44407
620	NextGenTel AS		X	AS15659
621	Unlimited Net, LLC		X	AS11990
622	OVEA SAS		X	AS29608
623	Infinity Telecom, s.r.o.		X	AS49121
624	Horyzont Technologie Internetowe sp.z.o.o.		X	AS20552
625	LANSOFT DATA SRL		X	AS31554
626	APNIC ASN block		X	AS23930
627	Limestone Networks, Inc.		X	AS46475
628	Haridus- ja Teadusministeerium		X	AS3221
629	M1 NET LTD		X	AS17547
630	LLC Smart Ape		X	AS56694
631	Netcalibre Ltd		X	AS25098
632	Internet Systems Consortium, Inc.		X	AS1280
633	Sony Network Communications Inc.		X	AS2527
634	MDS TELECOM C.A.		X	AS26983
635	FASTNET DATA INC		X	AS8796
636	Unitas Global		X	AS12180
637	VMWare, Inc.		X	AS53766
638	eTOP sp. z o.o.		X	AS20853
639	NJEDge.Net, Inc.		X	AS21976
640	NTT Global Data Centers EMEA GmbH		X	AS20332
641	CHINATELECOM CORE WAN CN2		X	AS4809
642	Megacable Comunicaciones de Mexico, S.A. de C.V.		X	AS14178
643	UNIDATA S.p.A.		X	AS5394
644	JSC RU-CENTER			AS5537
645	STARCLOUD GLOBAL LLC		X	AS14022
646	Razorblue Ltd		X	AS15692
647	LD Telecommunications, Inc.		X	AS32270
648	Thomson Ltd		X	AS25644
649	IVER NORGE AS		X	AS57829

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710	NebraskaLink		X	AS16851
711	LU-CIX Management GIE		X	AS208374
712	Rice University		X	AS4557
713	CEGECOM S.A.		X	AS15965
714	Host-Telecom.com s.r.o.		X	AS51248
715	Russmedia IT GmbH		X	AS5385
716	DELTA Fiber Nederland B.V.		X	AS15435
717	APNIC ASN block		X	AS132337
718	SALZBURG AG fur Energie, Verkehr und Telekommunikation		X	AS8445
719	Aktsiaselts WaveCom		X	AS34702
720	TDS TELECOM		X	AS4181
721	Servers.com, Inc.		X	AS7979
722	Tampnet AS		X	AS200781
723	GHOSTnet GmbH		X	AS12586
724	S1 Networks Oy		X	AS199506
725	Digital Realty Netherlands B.V.		X	AS47973
726	SMART AXIATA Co., Ltd.		X	AS45498
727	Catixs Ltd		X	AS48266
728	Incapsula Inc		X	AS19551
729	VESTITEL BG		X	AS39505
730	CacheNetworks, Inc.		X	AS30081
731	Roblox		X	AS22697
732	Embark Studios AB		X	AS58317
733	IP Port LLC		X	AS8647
734	SERVICIOS DE TELECOMUNICACIONES SETEL S.A. (XTRIM EC)		X	AS14522
735	Akamai International B.V.		X	AS34164
736	GoDaddy.com, LLC		X	AS397515
737	SERVICEPIPE LLC		X	AS201706
738	ESUN TECHNOLOGY INTERNATIONAL CO., LIMITED		X	AS132166
739	Iguane Solutions SAS		X	AS39605
740	Coriolis Telecom SAS		X	AS60032
741	Manx Telecom Trading Ltd		X	AS13122
742	SWITCH		X	AS559
743	PacketHub S.A.		X	AS141039
744	IP Connect Inc		X	AS213373
745	Conexon Connect		X	AS399896

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806	Omnis Network, LLC		X	AS19237
807	EDPNET Belgium BV		X	AS9031
808	Oxylion S. A.		X	AS58321
809	KraftCom Service GmbH		X	AS12453
810	Videotron Ltee		X	AS5769
811	WebSupport s.r.o.		X	AS51013
812	netconnect AG		X	AS212865
813	Quality Technology Services, LLC		X	AS26978
814	Sonic Telecom LLC		X	AS46375
815	NOVITATELECOM LLC		X	AS59589
816	Adams TelSystems, Inc.		X	AS12033
817	Mainloop AB		X	AS43893
818	Orange Business Digital Sweden AB		X	AS8523
819	British Telecommunications PLC		X	AS3300
820	HEXAGLOBE SAS		X	AS31564
821	Ooredoo Maldives Plc		X	AS55944
822	Serverel Inc.		X	AS50245
823	YouFibre Limited		X	AS212655
824	GoDaddy.com, LLC		X	AS397514
825	P4 Sp. z o.o.		X	AS39603
826	HOSTKEY B.V.			AS50867
827	OneCubit Co., Ltd.			AS149522
828	Path Network, Inc.		X	AS396996
829	TCT West, Inc.		X	AS4474
830	INOC, LLC		X	AS22302
831	NetCom-R LLC		X	AS49531
832	Adaptive Data Networks, LLC		X	AS23367
833	Copaco Cloud B.V.		X	AS38983
834	Vercara, LLC			AS12008
835	Burstfire Networks Ltd		X	AS9153
836	STRATA NETWORKS		X	AS30432
837	SpeedPartner GmbH		X	AS34225
838	Sri Lanka Telecom PLC, GLocal Peering		X	AS45489
839	WanTelco SAS de CV		X	AS270158
840	net.de AG		X	AS15743
841	Latvijas Mobilais Telefons SIA		X	AS12847

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773	Clarity Telecom LLC		X	AS20412
774	TekSavvy Solutions, Inc.		X	AS5645
775	Square, Inc.		X	AS15211
776	nfon AG		X	AS8878
777	GoDaddy.com, LLC		X	AS398109
778	T38Fax Incorporated		X	AS396431
779	TNG Stadtnetz GmbH		X	AS13101
780	Edgecast Inc.		X	AS15133
781	Zhejiang Taobao Network Co.,Ltd		X	AS24429
782	Sky UK Limited		X	AS207163
783	Cologuard		X	AS22418
784	Local Loop Oy		X	AS204779
785	B2B2C Inc		X	AS16532
786	Internet Systems Consortium, Inc.		X	AS33071
787	GoDaddy.com, LLC		X	AS398106
788	imos Gesellschaft fuer Internet-Marketing und Online-Services mbH		X	AS20677
789	BEN LOMAND RURAL TELEPHONE COOPERATIVE, INC.		X	AS21766
790	Arvig Enterprises Inc.		X	AS16904
791	BalaLink S.A.		X	AS59908
792	MTC Communications, Inc.		X	AS14363
793	CYBERCON, INC.		X	AS7393
794	vitroconnect GmbH		X	AS57353
795	RACKNATION S.A.		X	AS264763
796	INTERNET EXCHANGE SERVICES YUCATAN		X	AS270173
797	GoDaddy.com, LLC		X	AS397516
798	UnitedLayer, LLC		X	AS40061
799	Cogeco Connexion inc		X	AS11290
800	Bykov Roman Andreevich		X	AS48610
801	DELTA ONLINE spol. s r.o.		X	AS34820
802	DITO TELECOMMUNITY CORP.		X	AS139831
803	Citytelecom LLC		X	AS29076
804	The Networking People (TNP) Limited		X	AS25460
805	ASK4 Limited		X	AS41230
806	Omnis Network, LLC		X	AS19237
807	EDPNET Belgium BV		X	AS9031
808	Oxylion S.A.		X	AS58321
809	NetCom Service GmbH		X	AS12453

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914	NetFire, LLC		X	AS394102
915	APNIC ASN block			AS63956
916	VKontakte Ltd		X	AS47541
917	Tripnet AB		X	AS34385
918	Minjae Kim		X	AS215343
919	ORANGE BUSINESS SERVICES U.S. Inc.		X	AS2874
920	CloudFerro S.A		X	AS200999
921	Unitas Global		X	AS14742
922	Quality Technology Services, LLC		X	AS53907
923	GoDaddy.com, LLC		X	AS397522
924	Space Exploration Technologies Corporation		X	AS14593
925	Haendle & Korte GmbH		X	AS44700
926	Westelcom Internet, Inc.		X	AS11722
927	Cadence Networks Ltd		X	AS47638
928	INTERDNESTRKOM, Sovmestnoe Zakrytoe Aktsionernoe Obshchestvo		X	AS1547
929	GoDaddy.com, LLC		X	AS397515
930	KIFU (Governmental Info Tech Development Agency)		X	AS1955
931	APNIC ASN block			AS38230
932	Marston's Telecoms Limited		X	AS61124
933	Bouygues Telecom SA		X	AS5410
934	AS-FIBRECOMM-MY- Internet Service Provider		X	AS45630
935	Kaopu Cloud HK Limited		X	AS138915
936	Tierzero		X	AS11509
937	Ekaterinburg-2000 LLC		X	AS31499
938	SEDO GmbH		X	AS47846
939	The Mastermind Holding B.V.			AS44103
940	Vitrifi Limited		X	AS211393
941	Twitch Interactive Inc.		X	AS46489
942	Mod Mission Critical LLC		X	AS39855
943	Jack Fillan		X	AS207080
944	HOSTERION SRL		X	AS43927
945	Quality Technology Services, LLC		X	AS11767
946	INTERNET CZ, a.s.		X	AS24806
947	Allay Nawroz Telecom Company for Communication/Ltd.		X	AS21277
948	Axtel S.A.B. de C.V.		X	AS6503
949	Petrus Spolka z ograniczona odpowiedzialnoscia		X	AS44914

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854	IONOS Cloud Inc.		X	AS54548
855	CABLE COLOR LLC		X	AS398947
856	JSC Avantel		X	AS51178
857	CORPORACION NACIONAL DE TELECOMUNICACIONES - CNT EP		X	AS26613
858	Metroset Ltd.		X	AS50923
859	LM Layer and Mesh AB		X	AS42303
860	Source Telecoms Inc.		X	AS18187
861	FirstDigital Communications, LLC		X	AS13415
862	BaikalWestCom		X	AS50187
863	E-Gate Communications Inc.		X	AS13657
864	GoDaddy.com, LLC		X	AS398105
865	UGO LLC		X	AS199805
866	GINERNET S.L.		X	AS59432
867	DNS:NET Internet Service GmbH		X	AS15366
868	Nebius B.V.		X	AS213291
869	BrightRidge		X	AS22987
870	Parknet F.M.B.A.		X	AS197301
871	KOBA Sp. z o.o.		X	AS34525
872	Amplex Electric, Inc.		X	AS20205
873	FloridaNet		X	AS11096
874	Kantonsschule Zug		X	AS34288
875	Sky UK Limited		X	AS5607
876	June Slater		X	AS42615
877	GoDaddy.com, LLC		X	AS398102
878	Orange Business Digital Germany GmbH		X	AS48173
879	Total Information Management Corporation		X	AS135423
880	Livenet Sp. z o.o.		X	AS39869
881	Unitedlayer, Inc.		X	AS23342
882	OOO Petrosvyaz		X	AS50538
883	Digital Realty (UK) Limited		X	AS49425
884	MBA DATACENTERS S.L.		X	AS43578
885	GoDaddy.com, LLC		X	AS397520
886	IP Group AS		X	AS16186
887	Mainzer Breitband GmbH		X	AS205769
888	CONCEL		X	AS23487
889	AOFEELDATA INTERNATIONAL COMPANY LIMITED		X	AS125391
890	Reliweb GmbH		X	AS39063

945	Quality Technology Services, LLC		X	AS11767
946	INTERNET CZ, a.s.		X	AS24806
947	Allay Nawroz Telecom Company for Communication/Ltd.		X	AS21277
948	Axtel, S.A.B. de C.V.		X	AS6503
949	Petrus Spolka z ograniczona odpowiedzialnoscia		X	AS44914
950	Biz Telecom LLC		X	AS197453
951	LLC SIP NIS		X	AS35032
952	iBasis, Inc.		X	AS11889
953	CABLE ONE, INC.		X	AS11492
954	Hivelocity LLC		X	AS61317
955	CONSORCIO DE TELECOMUNICACIONES AVANZADA S.A.		X	AS199434
956	SPUTNIK LLC			AS48739
957	Archtop Fiber		X	AS32723
958	HANARIN LTD			AS216425
959	Dialpad, Inc.		X	AS63399
960	VoiceHost Ltd		X	AS31472
961	CSpace Hostings OU		X	AS208367
962	IP Telecom Bulgaria		X	AS199790
963	NetAssist LLC			AS8772
964	Finalto A/S		X	AS197190
965	TAKE-TWO INTERACTIVE SOFTWARE, INC.		X	AS394977
966	Fibra AB		X	AS205151
967	Open Infra ISP Production International AB		X	AS212804
968	Alianza Inc.		X	AS54900
969	Korves.Net USA LLC		X	AS207435
970	Hi3G Access AB		X	AS44034
971	dinCloud Inc.		X	AS53834
972	iHome LLC		X	AS25478
973	VOO S.A.		X	AS12392
974	ROMAN EDUARDOVICH ZAMKOV		X	AS50766
975	Ivent Mobile bv		X	AS59865
976	Digita Oy		X	AS48299
977	DigitalOcean, LLC		X	AS14061
978	Cisco OpenDNS, LLC		X	AS36692
979	Sentabo GmbH		X	AS51167
980	Valve Corporation		X	AS32590

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977	DigitalOcean, LLC		X	AS14061
978	Cisco OpenDNS, LLC		X	AS36692
979	Contabo GmbH		X	AS51167
980	Valve Corporation		X	AS32590
981	Obos Nett AS		X	AS212765
982	Amarutu Technology Ltd		X	AS206264
983	Leaseweb UK Limited		X	AS205544
984	BPS Inc.		X	AS59110
985	Base IP B.V.		X	AS205467
986	CISCO SYSTEMS, INC.		X	AS109
987	Afilias, Inc.		X	AS63403
988	DIGI Tavkozlesi es Szolgaltato Kft.		X	AS20845
989	Disney Worldwide Services, Inc.		X	AS23344
990	ETES GmbH		X	AS205890
991	I NET BULGARIA EOOD		X	AS60447
992	INDERT CONNECTION LP		X	AS203443
993	Mohammad Ali Obeidat		X	AS39526
994	Private Stock company Sater		X	AS29107
995	Richie Software USA, Inc.		X	AS54528
996	NGX Networks		X	AS398013
997	3U TELECOM GmbH		X	AS198710
998	Endeavor Communications		X	AS19751
999	Greenfiber Internet & Dienste GmbH		X	AS203228
1000	DSV A/S		X	AS49362
1001	Leaseweb USA, Inc.		X	AS30633
1002	mywire Datentechnik GmbH		X	AS59675
1003	Alibaba (US) Technology Co., Ltd.		X	AS45102
1004	Infront Financial Technology GmbH		X	AS201463
1005	Actual Broadband		X	AS32913
1006	Free SAS		X	AS210596
1007	UAB Cgates		X	AS21412
1008	Aryaka Networks, Inc.		X	AS11179
1009	Mixvoip S.A.		X	AS206610
1010	MODIRUM MDPAY OU		X	AS62248
1011	PT. PASIFIKTEL INDONESIA		X	AS24202
1012	Cablemas Telecomunicaciones SA de CV		X	AS28555

1008	Aryaka Networks, Inc.		X	AS11179
1009	Mixvoip S.A.		X	AS206610
1010	MODIRUM MDPAY OU		X	AS62248
1011	PT. PASIFIKTEL INDOTAMA		X	AS24202
1012	Cablemas Telecomunicaciones SA de CV		X	AS28555
1013	Sky Italia srl		X	AS210278
1014	Energie AG Oberoesterreich Services und Digital Solutions GmbH		X	AS56672
1015	K2 Integration JSC		X	AS51219
1016	ESTRACOM SPA		X	AS31319
1017	VENTE-PRIVEE.COM SA		X	AS60350
1018	C.S.T. Ltd.		X	AS62429
1019	Uber Technologies, Inc		X	AS26673
1020	Binero AB		X	AS60094
1021	Cornell University		X	AS26
1022	eNET Inc.		X	AS10297
1023	Vaioni Group Ltd		X	AS35575
1024	UFINET MEXICO S. DE R.L. DE C.V.		X	AS265620
1025	TELERYS COMMUNICATION SAS		X	AS205344
1026	OOO Gruppa MosLine		X	AS31370
1027	Centrix Web Services LLC		X	AS207023
1028	Sprint			AS1239
1029	AMEN SAS		X	AS48185
1030	Semaphore Corporation		X	AS3742
1031	Greenfiber Internet & Dienste GmbH		X	AS207436
1032	SCALEWAY S.A.S.		X	AS29447
1033	Iguane Solutions SAS		X	AS200271
1034	in2ip B.V.		X	AS34141
1035	Syscomm Limited		X	AS56990
1036	HostDime.com, Inc.		X	AS33182
1037	South Central Power Company		X	AS394611
1038	Sewan Belgium SA		X	AS196755
1039	Swishmail		X	AS14469
1040	NatCoWeb Corp.		X	AS46636
1041	Extraordinary Managed Services Ltd		X	AS30827
1042	Ivstar Ltd		X	AS29588
1043	Active Network S.p.A.		X	AS197075

1042	Ivstar Ltd		X	AS29588
1043	Active Network S.p.A.		X	AS197075
1044	Joe Wheeler EMC		X	AS399049
1045	Xiufeng Guo		X	AS210937
1046	CHINA TELECOM (AMERICAS) CORPORATION		X	AS36678
1047	MidSouth Fiber		X	AS398203
1048	United Data Technologies, Inc.		X	AS20335
1049	NETASSIST LLC		X	AS398698
1050	Crave Technologies Ltd.		X	AS394501
1051	Ministero della Difesa		X	AS210026
1052	Krystal Hosting Ltd		X	AS12488
1053	Cygrids Communications AB		X	AS34941
1054	Filanco Ukraine Ltd.		X	AS57455
1055	1Access Sweden AB		X	AS57773
1056	Skynet sp. z o.o.		X	AS41966
1057	Oscar Music & Media Ltd.		X	AS47998
1058	GLOBALHOSTINGSOLUTIONS INC		X	AS395512
1059	Nuclearfallout Enterprises, Inc.		X	AS14586
1060	LayerHost		X	AS397086
1061	TELFAX COMMUNICATIONS SARL		X	AS209255
1062	terralink networks GmbH		X	AS59507
1063	Keepit A/S		X	AS211633
1064	Expereo International BV		X	AS15695
1065	IG Index Ltd.		X	AS30931
1066	Omniva LLC		X	AS40785
1067	Stiegeler Internet Service GmbH		X	AS200924
1068	Aruba S.p.A.		X	AS205727
1069	BNS		X	AS399521
1070	VODAFONE ESPANA S.A.U.		X	AS12430
1071	Fiber Utility Network, Inc.		X	AS40463
1072	Adjust GmbH		X	AS61273
1073	Cablemas Telecomunicaciones SA de CV		X	AS28509
1074	PricewaterhouseCoopers GmbH WPG		X	AS50061
1075	GULFSATCOMMUNICATIONS COMPANY K.S.C.		X	AS25122
1076	Rozint Ltd Co			AS25759
1077	MD6 Consulting SASU		X	AS39567
1078	PERFECT INTERNATIONAL		X	AS22439
1079	Enlight Networks, Ltd.		X	AS43948

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1076	Rozint Ltd Co			AS25759
1077	MD6 Consulting SASU		X	AS39567
1078	PERFECT INTERNATIONAL		X	AS22439
1079	Empirical Networks, Ltd.		X	AS29948
1080	STACKS INC		X	AS398704
1081	Udasha S.A.		X	AS263744
1082	Grifonline S.r.l.		X	AS43942
1083	Planisware SAS		X	AS205845
1084	Unitas Global		X	AS11855
1085	EOLO S.p.A.		X	AS35612
1086	Pudu, LLC		X	AS47689
1087	BOLIGNET A/S		X	AS44134
1088	Fastly, Inc.		X	AS54113
1089	North Georgia Network Cooperative, Inc.		X	AS54665
1090	KDDI America Inc.		X	AS4459
1091	FullSpace Ltd.		X	AS201495
1092	Race Tech, LLC		X	AS30041
1093	Societe Internationale de Telecommunications Aeronautiques		X	AS198912
1094	JSC Selectel		X	AS50340
1095	Elna Paulette Lafortune trading as INNETRA PC		X	AS58349
1096	Tulix Systems, Inc.		X	AS7219
1097	Corporacion Laceibanetsociety		X	AS263740
1098	crossconcept GmbH		X	AS202784
1099	WIFIWEB s.r.l.		X	AS47927
1100	Svyaz-Energo Ltd.		X	AS50477
1101	Xaccel Networks LLC		X	AS33089
1102	Guadalupe Valley Telephone Cooperative, Inc.		X	AS16527
1103	Voxology Carrier Services, Inc.		X	AS40165
1104	NSONE INC.		X	AS136468
1105	Worldline IGSA SA		X	AS47957
1106	ArtPlanet LLC		X	AS49542
1107	Chaika Telecom Petersburg Limited Company			AS42339
1108	Artfiles LLC		X	AS394923
1109	FLOWBIRD SAS		X	AS49920
1110	Alphalink SASU		X	AS25540
1111	WhiteSky Communications, LLC.		X	AS62887

1110	Alphalink SASU		X	AS25540
1111	WhiteSky Communications, LLC.		X	AS62887
1112	ML Consultancy		X	AS9150
1113	Thales Cloud Securise SAS		X	AS203532
1114	cmcnetworks		X	AS25818
1115	FriendFinder Networks Inc		X	AS25875
1116	Velocihost Inc.		X	AS63452
1117	Rambler Internet Holding LLC		X	AS24638
1118	NETSTAR (SG) PTE. LTD.		X	AS10122
1119	Weebly, Inc.		X	AS27647
1120	eStruxture Data Centers Inc.		X	AS55066
1121	Cisco Webex LLC		X	AS13445
1122	UAB Cherry Servers		X	AS204770
1123	Texa S.p.A.		X	AS206459
1124	Netversor GmbH		X	AS200081
1125	Zone Media OU		X	AS49604
1126	Excedo Networks AB		X	AS199150
1127	Hondutel		X	AS7727
1128	EMDYN AG		X	AS200306
1129	DATAPRO Limited Liability Company		X	AS200161
1130	43/F, AIA Tower, 183 Electric Road, North Point, Hong Kong		X	AS63981
1131	GRAIN COMMUNICATIONS LIMITED		X	AS199466
1132	Telefonaktiebolaget L M Ericsson		X	AS28852
1133	BPS Networks		X	AS36243
1134	West Chester University of Pennsylvania			AS29848
1135	retarus GmbH		X	AS48328
1136	SHOPEE SINGAPORE PRIVATE LIMITED		X	AS137831
1137	Netsec Limited		X	AS45753
1138	QualityHosting AG		X	AS25260
1139	MIFFLIN COUNTY WIRELESS LLC		X	AS11059
1140	Wantech AB		X	AS39648
1141	SolidNetwork Technologies, Inc.		X	AS14401
1142	Contabo Asia Private Limited		X	AS141995
1143	CloudCall LTD		X	AS197669
1144	Corporate Internet Service Provider LLC			AS59793
1145	InMotion Hosting, Inc.		X	AS3842

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1145	InMotion Hosting, Inc.		X	AS3842
1146	Telegram Messenger Inc		X	AS59930
1147	CloudNX		X	AS139648
1148	Aruba SAS		X	AS199653
1149	NSONE Inc		X	AS62597
1150	Pinterest, Inc.		X	AS53620
1151	Total Uptime Technologies, LLC		X	AS53334
1152	Melita Limited		X	AS12709
1153	Code BGP Single Member P.C.		X	AS50414
1154	Trenka Informatik AG		X	AS29655
1155	SBA Edge, LLC		X	AS19844
1156	Iron Mountain Data Center		X	AS395174
1157	Norrlands Online AB (publ)		X	AS211434
1158	Falcore Investments Pty Ltd		X	AS148968
1159	Cable Bahamas		X	AS15146
1160	Aruba SAS		X	AS200185
1161	proinity GmbH		X	AS44239
1162	4Tel Telekomunikacije d.o.o.		X	AS203964
1163	Vianova S.p.A		X	AS21056
1164	Telia Cygate AB		X	AS197308
1165	TimeWeb Ltd.		X	AS9123
1166	UnitedLayer, LLC		X	AS399817
1167	AIRESPRING, INC.		X	AS26375
1168	Geckonet Sp. z o. o.		X	AS198401
1169	CentroSet Ltd.		X	AS49124
1170	IPIPE International, Corp.		X	AS400513
1171	JWE S.a r.l.		X	AS34655
1172	Internetport Sweden AB		X	AS49770
1173	REI MIMURA			AS199266
1174	VMCity LLC		X	AS51093
1175	BARTOSZ WASZAK trading as HOSTEAM S.C. TOMASZ GROSZEWSKI BARTOSZ WASZAK LUKASZ GROSZEWSKI		X	AS51290
1176	APPRISS INC		X	AS19783
1177	Soluciones Favorables		X	AS263821
1178	ITSG Informationstechnische Servicestelle der Gesetzlichen Krankenversicherung GmbH		X	AS204188
1179	M-Networks Sp. z o.o.		X	AS198611

1212	Spacelink Systems		X	AS21623
1213	Plus Hosting Grupa d.o.o.			AS12417
1214	ELASTX AB			AS48579
1215	Ministerie van Veiligheid en Justitie		X	AS35709
1216	Backbone Solutions AG		X	AS13250
1217	RUCOMTECH LLC		X	AS207133
1218	Tiggee LLC		X	AS16552
1219	Sedmi Odjel d.o.o.		X	AS198785
1220	Waddell Solutions Group LLC		X	AS12243
1221	DoclerWeb Informatikai Kft.			AS47381
1222	objx.net, LLC		X	AS33333
1223	Age of Learning, Inc.		X	AS395423
1224	TAQNIA SPACE CO.		X	AS42411
1225	Zhengzhou longling technology ltd.		X	AS133952
1226	IT011 d.o.o			AS43608
1227	VADAVO SOLUCIONES SL		X	AS5505
1228	INDIKOM LLC		X	AS59584
1229	MOJOHOST B.V.		X	AS42567
1230	Providus d.o.o.		X	AS43191
1231	Connective Online Limited		X	AS39175
1232	IT-Total Sweden AB		X	AS8769
1233	Clair Global		X	AS400400
1234	CloudCall Inc		X	AS32334
1235	Digital Transformation Plus LLC		X	AS60476
1236	Index Exchange Inc.		X	AS27381
1237	catalyst2 Services Limited		X	AS29636
1238	Societe Internationale de Telecommunications Aeronautiques		X	AS205080
1239	COEFICIENTE COMUNICACIONES		X	AS265524
1240	Oracle Corporation		X	AS1218
1241	Quality Technology Services, LLC		X	AS46742
1242	ILK Internet.Gmbh		X	AS12480
1243	Telconet S.A		X	AS264788
1244	Eastern Telecoms Phils., Inc.		X	AS9658
1245	9STONE LLC		X	AS399078
1246	Netrouting, Inc.		X	AS63339
1247	Svea Internet AB		X	AS209578
1248	CHEOPS TECHNOLOGY FRANCE S.A		X	AS58011
1249	Beamimg Ltd		X	AS13520

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1317	LeaseWeb Netherlands B.V.		X	AS60781
1318	CONSULTIC SRL		X	AS49703
1319	ICANN		X	AS20144
1320	team.blue Denmark A/S		X	AS43220
1321	Chevron Corporation		X	AS7862
1322	OVIS IT Consulting GmbH		X	AS48303
1323	Asteo Red Neutra SL		X	AS210612
1324	MOD Mission Critical, LLC		X	AS54103
1325	Northern Data AG		X	AS59437
1326	TESLATEL LLC		X	AS50313
1327	Brandl Services GmbH		X	AS39090
1328	Aervivo, Inc		X	AS399672
1329	PJSC Vimpelcom		X	AS8402
1330	Utah Broadband LLC		X	AS32808
1331	Leonet Group GmbH		X	AS197524
1332	TPx Communications		X	AS11915
1333	DeepL SE		X	AS60550
1334	LinkedIn Corporation		X	AS13443
1335	EuroByte LLC		X	AS210079
1336	CloudFerro S.A		X	AS200217
1337	I.P. Integration Limited		X	AS39208
1338	Gdlicanet, S.A. de C.V.		X	AS28408
1339	Digital Fortress			AS6423
1340	TAS France SAS		X	AS8554
1341	Marlink AS		X	AS5377
1342	TIMEWARP IT Consulting GmbH		X	AS207203
1343	LLC Wildberries		X	AS57073
1344	P.A.K.T LLC		X	AS39087
1345	Netzwerke GmbH		X	AS199936
1346	AS48707 OPS PL sp. z o.o.		X	AS48707
1347	Red Matter Limited		X	AS209636
1348	Acronis		X	AS53991
1349	MTX Connect S. a r.l.		X	AS61327
1350	TDF SASU		X	AS43646
1351	Greysom Limited		X	AS12678
1352	San Francisco Metropolitan Internet Exchange (SFMIX)		X	AS12276

1179	M-Net Networks Sp. z o.o.		X	AS198811
1180	Globo Comunicacao e Participacoes SA		X	AS28604
1181	Europeer Ltd.		X	AS202746
1182	Stadt Zuerich, Organisation und Informatik		X	AS201319
1183	Voiped Wholesale BV		X	AS204805
1184	BASIS LLC		X	AS206767
1185	Academia Sinica		X	AS9264
1186	Edgecast Inc.		X	AS14210
1187	Gastabudstaden AB		X	AS43012
1188	Base IP B.V.		X	AS34305
1189	Rapiddot Hosting Services Ltd		X	AS202954
1190	Akamai International B.V.		X	AS31108
1191	LLC VK		X	AS47764
1192	Dr.-Ing. Nepustil & Co. GmbH Internet Service Center Ingenieurgesellschaft fuer Systemsoftware und Kommunikationstechnik		X	AS12502
1193	Telx		X	AS53939
1194	Nuclearfallout Enterprises, Inc.		X	AS400475
1195	KISSGROUP SAS		X	AS215596
1196	UnitedLayer, LLC		X	AS399814
1197	Evolution NetEnt (Gibraltar) Limited.			AS199926
1198	TODAS LAS REDES SA		X	AS264856
1199	Sona Business B.V.		X	AS60022
1200	Jungheinrich AG		X	AS212961
1201	Global Radio Limited		X	AS39202
1202	Blizzard Entertainment, Inc		X	AS57976
1203	SamsungSDS Inc.		X	AS6619
1204	ESCOM Ltd. - Haskovo		X	AS25374
1205	Volkswagen Financial Services Overseas AG		X	AS205505
1206	bn:t Blatzheim Networks Telecom GmbH		X	AS20886
1207	Dimensione S.r.l.		X	AS202870
1208	Stephan Rakowski, trading as CSN Solutions e.K.		X	AS212341
1209	Nominet UK		X	AS43519
1210	Redpill Linpro AS		X	AS39029
1211	HOSTPALACE DATACENTERS LTD		X	AS60064
1212	Spacelink Systems		X	AS21623
1213	Plus Hosting Grupa d.o.o.			AS12417
1214	Ministerio van Veiligheid en Justitie		X	AS25700

1247	Svea Internet AB		X	AS209576
1248	CHEOPS TECHNOLOGY FRANCE S.A.		X	AS58011
1249	Beaming Ltd		X	AS48620
1250	Edge Technology Plus d.o.o. Beograd		X	AS208398
1251	Gigaclear Limited		X	AS56329
1252	LoadEdge Limited		X	AS32708
1253	Zen Internet Ltd		X	AS13037
1254	Kakao Corp		X	AS10158
1255	ALTICE DOMINICANA S.A.		X	AS28118
1256	SISTEMAS Y SOLUCIONES DE CAMPECHE SAS DE CV		X	AS265583
1257	PacketHub S.A.		X	AS147049
1258	SPIE ICS SASU		X	AS204273
1259	TriOptima AB		X	AS28931
1260	Dailymotion S.A.		X	AS41690
1261	Complior AB		X	AS49949
1262	Konica Minolta Business Solutions Europe GmbH		X	AS25068
1263	Abzieher GmbH		X	AS205929
1264	Sat-Trakt D.O.O.		X	AS41897
1265	UNMANAGED LTD		X	AS47890
1266	NetUSE AG		X	AS5605
1267	Mega Limited		X	AS199124
1268	Unwired Broadband, LLC		X	AS33548
1269	Broadcasting Center Europe (an RTL Group Company)		X	AS25273
1270	Proofpoint, Inc.		X	AS22843
1271	PacketHub S.A.		X	AS207137
1272	Conapto AB		X	AS49079
1273	ITAF BVBA		X	AS49285
1274	Sistemas Inalambricos S.A		X	AS264676
1275	DODW Holding B.V.		X	AS61029
1276	Irontrust Networks		X	AS7775
1277	Tcloudnet		X	AS399077
1278	NovoServe LLC		X	AS939
1279	Union Wireless		X	AS29946
1280	Tralios IT GmbH		X	AS216331
1281	ADVANCED KNOWLEDGE NETWORKS		X	AS14453
1282	ANTIK Telecom s.r.o		X	AS42841
1283	WINP A/S		X	AS207934
1284	Net-Ed-Soft GmbH		X	AS27537

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1296	Kaspersky Lab Switzerland GmbH		X	AS200107
1297	Relsoft communications Ltd.			AS43776
1298	EDGEAM LLC		X	AS201589
1299	Atman Sp. z o.o.		X	AS24723
1300	Remote24 AB		X	AS199544
1301	Xserver Inc.		X	AS131965
1302	Interface Services LLC		X	AS210015
1303	ETL Company Limited		X	AS10226
1304	Rakuten Inc		X	AS54058
1305	Keepit A/S		X	AS213054
1306	HOR.NET Polska Sp.z o.o.		X	AS34254
1307	Tutao GmbH		X	AS210909
1308	National Internet Backbone		X	AS9829
1309	NTC ASIA LIMITED		X	AS135273
1310	SwissIX Internet Exchange		X	AS20612
1311	DomoLAN Ltd.		X	AS49368
1312	Zoom Video Communications, Inc		X	AS30103
1313	LTech Solutions, Ltd.		X	AS39937
1314	Cyso Group B.V.		X	AS25151
1315	F2X Operator B.V.		X	AS57112
1316	Home Telephone Company, Inc.		X	AS16863
1317	LeaseWeb Netherlands B.V.		X	AS60781
1318	CONSULTIC SRL		X	AS49703
1319	ICANN		X	AS20144
1320	team.blue Denmark A/S		X	AS43220
1321	Chevron Corporation		X	AS7862
1322	OVIS IT Consulting GmbH		X	AS48303
1323	Asteo Red Neutra SL		X	AS210612
1324	MOD Mission Critical, LLC		X	AS54103
1325	Northern Data AG		X	AS59437
1326	TESLATEL LLC		X	AS50313
1327	Brandl Services GmbH		X	AS39090
1328	Aervivo, Inc		X	AS399672
1329	PJSC Vimpelcom		X	AS8402
1330	Utah Broadband LLC		X	AS32808
1331	Leonet Group GmbH		X	AS197524

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1351	Greysom Limited		X	AS12678
1352	San Francisco Metropolitan Internet Exchange (SFMIX)		X	AS12276
1353	Interserver, Inc		X	AS19318
1354	Extrahost s.r.o		X	AS199733
1355	HDCO GROUP SRL		X	AS271934
1356	United Cooperative Services		X	AS1448
1357	Currenta GmbH & Co. OHG		X	AS200766
1358	Planet Networks		X	AS3580
1359	ZSCALER, INC.		X	AS22616
1360	Fenice Telekom Grupa d.o.o.		X	AS204020
1361	Binero AB		X	AS35041
1362	Digital Frankfurt GmbH		X	AS48152
1363	Tsyapa Oleg Anatolyevich			AS208003
1364	Global Network Point LLC		X	AS205956
1365	eBay, Inc		X	AS62955
1366	Com4 AS		X	AS57660
1367	trivago N.V.		X	AS198016
1368	BiMajLink d.o.o.		X	AS62255
1369	Taboola.com ltd		X	AS200476
1370	LANTOINTERNET SA DE CV		X	AS265561
1371	University of Iowa		X	AS3676
1372	Telekomunikacije Republike Srpske akcionarsko drustvo Banja Luka		X	AS25144
1373	StackPath ABC, LLC			AS33438
1374	FORTEX CJSC		X	AS48166
1375	GeoLinks		X	AS54483
1376	adjust		X	AS396536
1377	Foothills Broadband, LLC		X	AS54696
1378	Kering Eyewear S.p.A.		X	AS202617
1379	Support Servers LLC		X	AS205763
1380	Level3 Carrier Ltd.			AS58682
1381	Easynet S.P.A.		X	AS21454
1382	Stephan Fuss trading as SoftCom Datensysteme		X	AS12759
1383	Automattic, Inc		X	AS2635
1384	SEWAN SAS		X	AS8399
1385	Leisener Data AG		X	AS49292
1386	LF.net Netzwerksysteme GmbH		X	AS12374

November 5, 2024 10:08 PM				
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1351	Greysom Limited		X	AS12678
1352	San Francisco Metropolitan Internet Exchange (SFMIX)		X	AS12276
1353	Interserver, Inc		X	AS19318
1354	Extrahost s.r.o		X	AS199733
1355	HDCO GROUP SRL		X	AS271934
1356	United Cooperative Services		X	AS1448
1357	Currenta GmbH & Co. OHG		X	AS200766
1358	Planet Networks		X	AS3580
1359	ZSCALER, INC.		X	AS22616
1360	Fenice Telekom Grupa d.o.o.		X	AS204020
1361	Binero AB		X	AS35041
1362	Digital Frankfurt GmbH		X	AS48152
1363	Tsyapa Oleg Anatolyevich			AS208003
1364	Global Network Point LLC		X	AS205956
1365	eBay, Inc		X	AS62955
1366	Com4 AS		X	AS57660
1367	trivago N.V.		X	AS198016
1368	BiMajLink d.o.o.		X	AS62255
1369	Taboola.com ltd		X	AS200476
1370	LANTOINTERNET SA DE CV		X	AS265561
1371	University of Iowa		X	AS3676
1372	Telekomunikacije Republike Srpske akcionarsko drustvo Banja Luka		X	AS25144
1373	StackPath ABC, LLC			AS33438
1374	FORTEX CJSC		X	AS48166
1375	GeoLinks		X	AS54483
1376	adjust		X	AS396536
1377	Foothills Broadband, LLC		X	AS54696
1378	Kering Eyewear S.p.A.		X	AS202617
1379	Support Servers LLC		X	AS205763
1380	Level3 Carrier Ltd.			AS58682
1381	Easynet S.P.A.		X	AS21454
1382	Stephan Fuss trading as SoftCom Datensysteme		X	AS12759
1383	Automattic, Inc		X	AS2635
1384	SEWAN SAS		X	AS8399
1385	Leisener Data AG		X	AS49292
1386	LF.net Netzwerksysteme GmbH		X	AS12374

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November 5, 2024 10:08 PM				
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1385	Leissner Data AB		X	AS49292
1386	LF.net Netzwerksysteme GmbH		X	AS12374
1387	JSC Netline		X	AS12739
1388	bol.com BV			AS199406
1389	SD1-Telecom SRL		X	AS201042
1390	Mobile Telecommunication Company Saudi Arabia Joint-Stock company		X	AS43766
1391	Ori Industries 1 Limited		X	AS50489
1392	ExaCloud Factory, S.L.		X	AS212755
1393	Wifx SA		X	AS199811
1394	Amobee EMEA Limited		X	AS56396
1395	E-CAPS D.O.O		X	AS203752
1396	Krypt Technologies		X	AS35908
1397	Telx		X	AS53933
1398	Madrone Technology Group Inc.		X	AS397945
1399	Datacenter Luxembourg S.A.		X	AS203055
1400	Salt Mobile SA		X	AS15796
1401	APNIC ASN block		X	AS136897
1402	Ntirety, Inc.		X	AS20021
1403	PVDataNet AB		X	AS42201
1404	Leaseweb USA, Inc.		X	AS394380
1405	NOVACONN SRL		X	AS203462
1406	Proofpoint, Inc.		X	AS26211
1407	TEXTPLUS, INC.		X	AS53981
1408	Limited Liability Company MVM Technology		X	AS41349
1409	Sky Italia srl		X	AS60772
1410	Bredband2 Bredbandsson AB		X	AS62183
1411	Luxembourg House of Cybersecurity		X	AS197869
1412	PC ONLINE		X	AS270179
1413	Proofpoint, Inc.		X	AS52129
1414	Suomi Communications Oy		X	AS206364
1415	IBASIS INC.		X	AS14616
1416	equada network GmbH		X	AS25220
1417	Proofpoint, Inc.		X	AS13916
1418	WEDOS Internet, a.s.		X	AS208414
1419	Gibtelecom Ltd.		X	AS8301
1420	Executive, Inc.		X	AS18672

1417	Proofpoint, Inc.		X	AS13916
1418	WEDOS Internet, a.s.		X	AS208414
1419	Gibtelecom Ltd.		X	AS8301
1420	NetFire sp. z o. o.		X	AS199540
1421	Evocative, Inc.		X	AS18672
1422	HawkNet Labs Pty Ltd			AS153346
1423	Duisburger Versorgungs- und Verkehrsgesellschaft mbH		X	AS206141
1424	LiveSport s.r.o.		X	AS52130
1425	Evalse, LLC		X	AS40916
1426	PURtel.com GmbH		X	AS62336
1427	Yandex.Cloud LLC		X	AS200350
1428	Canonical Group Limited		X	AS41231
1429	Monetra Technologies LLC		X	AS394887
1430	e-planning		X	AS399668
1431	Bellnet Limited		X	AS20521
1432	Riot Games, Inc		X	AS6507
1433	Unitas Global		X	AS13790
1434	Raiffeisen Informatik GmbH & Co KG		X	AS24864
1435	GorillaServers, Inc.		X	AS53850
1436	Orange S.A.		X	AS2280
1437	EMP SECURE AS		X	AS28824
1438	Lime HD LLC		X	AS47481
1439	Wikimedia Foundation Inc.		X	AS14907
1440	VTX Communications LLC		X	AS17293
1441	2provide GmbH		X	AS44656
1442	UnitedLayer, LLC		X	AS399819
1443	Geneanet SAS		X	AS209323
1444	Adams CATV, Inc		X	AS14928
1445	Clearly Communications		X	AS27400
1446	ISP Service eG		X	AS198816
1447	Connectria		X	AS11734
1448	Quality Technology Services, LLC		X	AS29748
1449	Lightspeed Networks Ltd		X	AS210892
1450	Shadwell International Inc		X	AS27930
1451	APNIC ASN block		X	AS7483
1452	Multiplay Sp. z o.o. Sp. K.		X	AS51175
1453	EVALLT INCORPORATED		X	AS22459
1454	Centronic Inc		X	AS14693

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1451	APNIC ASN block		X	AS7483
1452	Multiplay Sp. z o.o. Sp. K.		X	AS51175
1453	EVAULT INCORPORATED		X	AS33459
1454	Centrilogic, Inc.		X	AS19693
1455	MTI Teleport Muenchen GmbH Gesellschaft fur Satellitenubertragungen		X	AS199421
1456	ClearMedia AG		X	AS49489
1457	CTCSCI TECH LIMITED		X	AS9886
1458	OpenXS GmbH		X	AS3331
1459	Webpass Inc.		X	AS19165
1460	AtNOC GmbH		X	AS35339
1461	Icewood LLC		X	AS201119
1462	Telenor Connexion AB		X	AS49222
1463	InTouch Health		X	AS395355
1464	Evolution NetEnt (Gibraltar) Limited.			AS196904
1465	CBS Interactive Inc.		X	AS6623
1466	Radware Ltd		X	AS48851
1467	HUNTEL.NET		X	AS16604
1468	GTT Communications Inc.		X	AS286
1469	Uniontel Ltd		X	AS48293
1470	Richie Ltd		X	AS60354
1471	EDGOO NETWORKS UNIPessoal LDA			AS47787
1472	Turn Inc.		X	AS6336
1473	AS STV		X	AS61307
1474	AirIT Services GmbH		X	AS49220
1475	MorePeering		X	AS399794
1476	Broadband Visions, LLC		X	AS25615
1477	Leaseweb USA, Inc.		X	AS19148
1478	Nuclearfallout Enterprises, Inc.		X	AS32374
1479	Wish		X	AS400274
1480	RUTRONIK Elektronische Bauelemente GmbH		X	AS48132
1481	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA FUENTEAL RILLA S.L		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803

1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Meteverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215855
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	Advania Sverige AB		X	AS57208
1516	North Texas Fiber, Inc		X	AS397161
1517	Wanstor Ltd		X	AS2589
1518	BIF IV		X	AS394056
1519	PEG TECH INC		X	AS54600
1520	Gameforge 4D GmbH		X	AS47195
1521	Mada Al-Arab General Services Company		X	AS51407

1479	Wish		X	AS400274
1480	RUTRONIK Elektronische Bauelemente GmbH		X	AS48132
1481	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Meteverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215855
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	North Texas Fiber, Inc.		X	AS207164

1547	NSFOCUS, Inc		X	AS43568
1548	VEV Romerike AS		X	AS12876
1549	SCALEWAY S.A.S.		X	AS3209
1550	Vodafone GmbH		X	AS29990
1551	Xandr Inc.		X	AS29182
1552	JSC IOT		X	AS16880
1553	TREND MICRO INCORPORATED		X	AS33932
1554	Minorisa de Sistemas Informaticos y de Gestion, S.L.		X	AS40470
1555	Protected.CA Inc.		X	AS9584
1556	Diyixian.com Limited		X	AS39496
1557	Quality Technology Services, LLC		X	AS39625
1558	iboss,inc		X	AS61170
1559	SmartLabs Holding Ltd		X	AS13132
1560	cyberways Informationsdienste GmbH		X	AS19769
1561	CBlue SPRL		X	AS16143
1562	OOO NIIR-RadioNet		X	AS34564
1563	Gothaer Systems GmbH		X	AS25148
1564	ORANGE BUSINESS DIGITAL NORWAY AS		X	AS5603
1565	Telekom Slovenije, d.d.			AS20101
1566	P4 Sp. z o.o.		X	AS3226
1567	OOO NI		X	AS13905
1568	LEGEND DYNASTY PTE. LTD.		X	AS20303
1569	BAM Broadband Opco, LLC		X	AS57169
1570	EDIS GmbH		X	AS42925
1571	Internet Rimon LTD		X	AS8375
1572	Telehouse Deutschland GmbH		X	AS20584
1573	Dominik Pohl		X	AS3900
1574	SWITCH, LTD		X	AS12996
1575	Domeneshop AS		X	AS25956
1576	Alpheus Data Services, L.L.C.		X	AS43341
1577	MDlink online service center GmbH		X	AS20396
1578	aiticon GmbH		X	AS21080
1579	pronexon GmbH		X	AS40237
1580	United Telephone Company		X	AS20518
1581	Adjust GmbH		X	AS16128
1582	AGARIK SAS		X	AS33962
1583	Citytelecom LLC		X	AS9085
1584	SUPERMEDIA Sp.z.o.o.		X	AS28394
1585	Bicentel SA de CV		X	

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1451	APNIC ASN block		X	AS7483
1452	Multiplay Sp. z o.o. Sp. K.		X	AS51175
1453	EVAULT INCORPORATED		X	AS33459
1454	Centrilogic, Inc.		X	AS19693
1455	MTI Teleport Muenchen GmbH Gesellschaft fur Satellitenubertragungen		X	AS199421
1456	ClearMedia AG		X	AS49489
1457	CTCSCI TECH LIMITED		X	AS9886
1458	OpenXS GmbH		X	AS3331
1459	Webpass Inc.		X	AS19165
1460	AtNOC GmbH		X	AS35339
1461	Icewood LLC		X	AS201119
1462	Telenor Connexion AB		X	AS49222
1463	InTouch Health		X	AS395355
1464	Evolution NetEnt (Gibraltar) Limited.			AS196904
1465	CBS Interactive Inc.		X	AS6623
1466	Radware Ltd		X	AS48851
1467	HUNTEL.NET		X	AS16604
1468	GTT Communications Inc.		X	AS286
1469	Uniontel Ltd		X	AS48293
1470	Richie Ltd		X	AS60354
1471	EDGOO NETWORKS UNIPessoal LDA			AS47787
1472	Turn Inc.		X	AS6336
1473	AS STV		X	AS61307
1474	AirIT Services GmbH		X	AS49220
1475	MorePeering		X	AS399794
1476	Broadband Visions, LLC		X	AS25615
1477	Leaseweb USA, Inc.		X	AS19148
1478	Nuclearfallout Enterprises, Inc.		X	AS32374
1479	Wish		X	AS400274
1480	RUTRONIK Elektronische Bauelemente GmbH		X	AS48132
1481	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA ELIENETAI RI L.L.S.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803

1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Meteverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215855
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	Advania Sverige AB		X	AS57208
1516	North Texas Fiber, Inc		X	AS397161
1517	Wanstor Ltd		X	AS2589
1518	BIF IV		X	AS394056
1519	PEG TECH INC		X	AS54600
1520	Gameforge 4D GmbH		X	AS47195
1521	Mada Al-Arab General Services Company		X	AS51407

1479	Wish		X	AS400274
1480	RUTRONIK Elektronische Bauelemente GmbH		X	AS48132
1481	TEDRA GLOBAL SOLUTIONS S.L.		X	AS60917
1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Meteverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215855
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	North Texas Fiber, Inc.		X	AS207164

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1547	NSFOCUS, Inc		X	AS43568
1548	VEV Romerike AS		X	AS12876
1549	SCALEWAY S.A.S.		X	AS3209
1550	Vodafone GmbH		X	AS29990
1551	Xandr Inc.		X	AS29182
1552	JSC IOT		X	AS16880
1553	TREND MICRO INCORPORATED		X	AS33932
1554	Minorisa de Sistemas Informaticos y de Gestion, S.L.		X	AS40470
1555	Protected.CA Inc.		X	AS9584
1556	Diyixian.com Limited		X	AS39496
1557	Quality Technology Services, LLC		X	AS39625
1558	iboss,inc		X	AS61170
1559	SmartLabs Holding Ltd		X	AS13132
1560	cyberways Informationsdienste GmbH		X	AS19769
1561	CBlue SPRL		X	AS16143
1562	OOO NIIR-RadioNet		X	AS34564
1563	Gothaer Systems GmbH		X	AS25148
1564	ORANGE BUSINESS DIGITAL NORWAY AS		X	AS5603
1565	Telekom Slovenije, d.d.			AS20101
1566	P4 Sp. z o.o.		X	AS3226
1567	OOO NI		X	AS13905
1568	LEGEND DYNASTY PTE. LTD.		X	AS20303
1569	BAM Broadband Opco, LLC		X	AS57169
1570	EDIS GmbH		X	AS42925
1571	Internet Rimon LTD		X	AS8375
1572	Telehouse Deutschland GmbH		X	AS20584
1573	Dominik Pohl		X	AS3900
1574	SWITCH, LTD		X	AS12996
1575	Domeneshop AS		X	AS25956
1576	Alpheus Data Services, L.L.C.		X	AS43341
1577	MDlink online service center GmbH		X	AS20396
1578	aiticon GmbH		X	AS21080
1579	pronexon GmbH		X	AS40237
1580	United Telephone Company		X	AS20518
1581	Adjust GmbH		X	AS16128
1582	AGARIK SAS		X	AS33962
1583	Citytelecom LLC		X	AS9085
1584	SUPERMEDIA Sp.z.o.o.		X	AS28394
1585	Bicentel SA de CV		X	

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1482	VTX Services SA		X	AS12350
1483	IBOSS, INC		X	AS202276
1484	Freewheel Media Inc.		X	AS26558
1485	Oracle Corporation		X	AS11506
1486	INFORMATICA FUENTEALBILLA S.L.		X	AS200773
1487	Broadband Gibraltar Limited		X	AS34803
1488	SACLAK NETWORK SARL		X	AS201675
1489	Plus Creativo LLC		X	AS205940
1490	Elektrizitaets- und Wasserwerk der Stadt Buchs SG		X	AS41549
1491	PT APLIKA DATA NUSANTARA		X	AS140421
1492	Opus Interactive		X	AS14722
1493	Fragnet Networks International AB		X	AS210365
1494	Mid-Rivers Telephone Cooperative		X	AS11961
1495	Trinity Network Solutions		X	AS398044
1496	Rumble USA Inc.		X	AS399647
1497	UD Media GmbH		X	AS199753
1498	Metaverse Limited.		X	AS54994
1499	9219-1568 Quebec Inc.		X	AS55222
1500	Wiland Ltd		X	AS21367
1501	Invesco Group Services, Inc.		X	AS14630
1502	Oracle Corporation		X	AS54253
1503	connecta ag		X	AS31662
1504	DrukNet ISP			AS17660
1505	Nvidia Corporation		X	AS11414
1506	Koseniuk Oleksandr Volodimirovich		X	AS56834
1507	Region Svyaz Konsalt LLC		X	AS39264
1508	Hetzner Online GmbH		X	AS215859
1509	Lehigh WiFi LLC		X	AS22497
1510	S.C. Teletrans S.A.		X	AS34279
1511	Cloudflare Inc		X	AS202623
1512	Remedy Entertainment Oyj		X	AS207265
1513	iptoX GmbH		X	AS33828
1514	NSONE Inc		X	AS395403
1515	Advania Sverige AB		X	AS57208
1516	North Texas Fiber, Inc		X	AS397161
1517	Warrior Ltd		X	AS2589
1518	BIF IV		X	AS394056

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1583	Citytelecom LLC		X	AS9085	
1584	SUPERMEDIA Sp.z.o.o.		X	AS28394	
1585	Bicentel SA de CV		X	AS17350	
1586	Moody's Corp.		X	AS10423	
1587	STELLAR Broadband		X	AS13926	
1588	NETPROTECT PHX		X	AS8302	
1589	Zattoo AG		X	AS25549	
1590	JSC Avantel		X	AS53449	
1591	OEC Fiber		X	AS35793	
1592	Acronis International GmbH		X	AS39435	
1593	B.Root-Server-OPS		X	AS20955	
1594	Amisol GmbH		X	AS39892	
1595	Frank Scholl trading as xpoundit GBR		X	AS14537	
1596	Continent 8 LLC		X	AS33951	
1597	FORWEB S.C. Monika Bodetko, Tomasz Pawlowski		X	AS39290	
1598	METRO Digital GmbH		X	AS26554	
1599	ALTAN REDES, S.A.P.I. de C. V.		X	AS26221	
1600	VIETTEL PER S.A.C.		X	AS39636	
1601	Leaseweb USA, Inc.		X	AS39556	
1602	dcBLOX, Inc.		X	AS21808	
1603	Peerless Network Inc		X	AS12512	
1604	CBXNET combox internet GmbH		X	AS30923	
1605	Młodzieżowa Spółdzielnia Mieszkaniowa		X	AS63949	
1606	APNIC ASN block		X	AS63270	
1607	Aerux LLP		X	AS39749	
1608	netsapiens		X	AS27908	
1609	Tracity Inc.		X	AS2818	
1610	BBC		X	AS19893	
1611	Vereinigte Stadtwerke Media GmbH		X	AS12519	
1612	FastNet International Ltd		X	AS20677	
1613	Internetnord AB		X	AS59126	
1614	NCT CO.,LTD.		X	AS10912	
1615	Unitas Global		X	AS39595	
1616	Leaseweb USA, Inc.		X	AS20314	
1617	Xenius BVBA		X	AS18859	
1618	GVEC.net, LLC		X	AS48822	
1619	Universum bit Ltd.		X	AS20892	
1620	WILO SE		X	AS22604	
1621	Disney Streaming Services		X		

2:10 PM Saturday 5	1512	Remedy Enterta	November 5, 2024 10:08 PM		
	1513	iptoX GmbH			
	1514	NSONE Inc			X AS395402
	1515	Advania Sverige AB			X AS57208
	1516	North Texas Fiber, Inc			X AS397161
	1517	Wanstor Ltd			X AS2589
	1518	BIF IV			X AS394056
	1519	PEG TECH INC			X AS54600
	1520	Gameforge 4D GmbH			X AS47195
	1521	Mada Al-Arab General Services Company			X AS51407
	1522	Enix SAS			X AS48813
	1523	Expereo International BV			X AS202120
	1524	Covered Bridge Data, LLC			X AS397774
	1525	Highline Services, LLC			X AS32798
	1526	Softnet Limited			X AS135156
	1527	NetActuate, Inc			X AS36236
	1528	Bezeq- THE ISRAEL TELECOMMUNICATION CORP. LTD.			X AS6810
	1529	America Movil Peru S.A.C.			X AS12252
	1530	Dustin NL B.V.			X AS28788
	1531	Keepit A/S			X AS9120
	1532	Connect It Networks			X AS54509
	1533	Prime Telecom srl			X AS39737
	1534	ETN Internet GmbH & Co. KG			X AS44180
	1535	BNW TECHNOLOGY LTD			X AS34442
	1536	XK NET S.A. DE C.V.			X AS265619
	1537	MyRepublic Ltd.			X AS132132
	1538	ITS akciova spolocnost			X AS48417
	1539	Campus, Hofnetz & Events GmbH			X AS50324
	1540	Prager Connect GmbH			X AS57878
	1541	LIWEST Kabelmedien GmbH			X AS12605
	1542	Akamai Technologies, Inc.			X AS35994
	1543	Citizens Telephone Cooperative			X AS16942
	1544	VIXLY AS			X AS44654
	1545	VNext AB			X AS44176
	1546	KAEMI GmbH			X AS51834
	1547	NSFOCUS, Inc.			X AS8757
	1548	VEV Romerike AS			X AS43568
	1549	SCALEWAY S.A.S.			X AS12876
	1550	Vodafone GmbH			X AS3209
	1551	Xandr Inc.			X AS29990

1621	Disney Streami		X	AS2284
1622	TPx Communica		X	AS14200
1623	Cooperative Connection, LLC		X	AS39844
1624	CDS Global Cloud Co., Ltd		X	AS63199
1625	Centrilogic Ltd		X	AS44332
1626	ArubaCloud Limited		X	AS19988
1627	TIMOCOM GmbH		X	AS24909
1628	RADWARE INC.		X	AS25773
1629	Sonic.net, LLC		X	AS7065
1630	Junction Networks, Inc.		X	AS40185
1631	Flex Ltd.		X	AS21453
1632	Stellar Technologies Inc.		X	AS14525
1633	OOO Kolpinski Internet-Seti			AS47211
1634	VSIX.FR		X	AS29774
1635	VOIP-UN LIMITED		X	AS42004
1636	Private Host BV		X	AS56898
1637	Hostinger International Limited		X	AS47583
1638	Okay-Telecom Ltd.		X	AS19966
1639	Roman Franz Dissauer trading as RDI Solutions e.U.		X	AS211510
1640	Network Research Belgium S.A.		X	AS12942
1641	KOMPaaS.tech Kft		X	AS59949
1642	The Rubicon Project, Inc.		X	AS26667
1643	mnemonic AS		X	AS48469
1644	CZ.NIC, z.s.p.o.		X	AS200070
1645	UpCloud Ltd		X	AS202053
1646	SOCIAL MARKETING AND PROMOTIONS S.A. DE C.V.		X	AS265840
1647	IT Vocal LLC		X	AS32478
1648	Open Infra ISP Production International AB		X	AS207821
1649	Nicepeopleatwork, S.L.		X	AS207415
1650	Apica AB			AS51307
1651	LLC Intercom		X	AS50966
1652	INTERSPACE DOOEL Skopje		X	AS200895
1653	MEGA Cloud Services Limited		X	AS205805
1654	Indigo Integrated Solutions Limited		X	AS44205
1655	P/F Telefonverkid		X	AS15389
1656	Optimizely AB		X	AS30811
1657	Qwilt Inc.		X	AS20253
1658	WANSecurity, Inc.		X	AS1421
1659	TechniData TCC Products GmbH		X	AS49024
1660	Prime creation events SAS		X	AS211733
1661	165 1661 Ontario Inc.		X	AS40028

1660	Prime creation	November 5, 2024 10:08 PM			
1661	1651884 Ontario			^	AS400020
1662	GiTy, a.s.			X	AS29086
1663	PT INDONESIA COMNETS PLUS			X	AS38757
1664	DigitalMonks LLC			X	AS400006
1665	Bicom Systems Limited			X	AS201902
1666	Dr.-Ing. Nepustil & Co. GmbH Internet Service Center Ingenieurgesellschaft fuer Systemsoftware und Kommunikationstechnik			X	AS33843
1667	UpCloud USA Inc			X	AS25697
1668	IGT LOTTERY S.P.A.			X	AS35574
1669	Tarr Kft.			X	AS8462
1670	Megaport (UK) Limited			X	AS49915
1671	Tilaa B.V.			X	AS196752
1672	netgo tax GmbH			X	AS58323
1673	SOFTLINE PJSC				AS47723
1674	BEDGE CO LIMITED			X	AS63139
1675	Dropbox, Inc.			X	AS19679
1676	Webhuset AS			X	AS39783
1677	Public Telecommunication Corporation			X	AS30873
1678	Netsite A/S			X	AS205206
1679	Orion Network Limited			X	AS58065
1680	RhythmOne, LLC			X	AS26120
1681	SOUTH DAKOTA NETWORK			X	AS393417
1682	Afilias, Inc.			X	AS12041
1683	Ericsson Inc.			X	AS158
1684	P-KOM Telekommunikationsgesellschaft mbH			X	AS209707
1685	ACEVILLE PTE.LTD.			X	AS139341
1686	Internet Systems Consortium, Inc.			X	AS30132
1687	Orion Network Limited			X	AS41564
1688	EBOX			X	AS1403
1689	Connectria, LLC			X	AS60154
1690	NEXUSGUARD LIMITED			X	AS45474
1691	Sumofiber			X	AS4226
1692	WEMACOM Telekommunikation GmbH			X	AS51978
1693	Net Solutions - Consultoria Em Tecnologias De Informacao, Sociedade Unipessoal LDA			X	AS47674
1694	Leaseweb Deutschland GmbH			X	AS28753
1695	ADDIX GmbH			X	AS25415
1696	IP Transit Inc.			X	AS46786
1697	GoDaddy.com, LLC			X	AS398107
1698	QAP Cherry Servers			X	AS39842

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1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS21033
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS4538
1735	Luke Eiji Granger-Brown		X	AS205479
1736	Centrilogic, Inc.		X	AS31863
1737	Ansible Networks, LLC		X	AS14570
1738	Istqrar for Servers Services Ltd		X	AS211826
1739	Atlantic LLC.		X	AS204600
1740	Censys, Inc.		X	AS398705
1741	NortonLifeLock Inc.		X	AS16733
1742	EZE Castle Integration Inc.		X	AS14717
1743	link-lab GbR Schmidt Waehlich		X	AS51224
1744	Inteliglobe USA, Inc.		X	AS16921
1745	KOREX networks, s.r.o.		X	AS57710
1746	Hetzner Online GmbH		X	AS213230
1747	Citytelecom LLC		X	AS28762
1748	ACD.net		X	AS14103
1749	GoDaddy.com, LLC		X	AS397515
1750	VMWare, Inc.		X	AS395730
1751	Zeofast Network		X	AS10111
1752	Rutgers, The State University		X	AS46
1753	Thales Cloud Securise SAS		X	AS202045
1754	Limited Liability Company Transneft Telecom		X	AS60388
1755	Grange Internet Ltd		X	AS59565
1756	REACH4 Communications		X	AS27298

1694	Leaseweb Deut			
1695	ADDIX GmbH			
1696	IP Transit Inc.		X	AS46786
1697	GoDaddy.com, LLC		X	AS398107
1698	UAB Cherry Servers		X	AS59642
1699	Google Ireland Limited		X	AS43515
1700	Forcepoint Cloud Ltd		X	AS44444
1701	AVUR AS		X	AS50272
1702	GitHub, Inc.		X	AS36459
1703	Nagravision SA		X	AS207161
1704	Keepit A/S		X	AS215782
1705	ZORAN PEROVIC trading as Agencija Perke.NET		X	AS60733
1706	Point5 Managed Services, LLC		X	AS13837
1707	Consolidated Smart Systems LLC		X	AS396106
1708	Rafal Rajba trading as INTERTELL			AS208041
1709	Korporativniy partner Ltd		X	AS51579
1710	LLC IT Business		X	AS215116
1711	Bytedance Inc.		X	AS396986
1712	Dialpad, Inc.		X	AS134521
1713	LiveOak Fiber		X	AS395035
1714	Zscaler Switzerland GmbH		X	AS62044
1715	Axpo Systems AG		X	AS60284
1716	Booking.com BV		X	AS202196
1717	Weblin Services Inc		X	AS29757
1718	OOO 24 chasa TV		X	AS50775
1719	Logosnet Services Limited		X	AS5504
1720	Freja eID Group AB		X	AS205916
1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS210333
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS1333

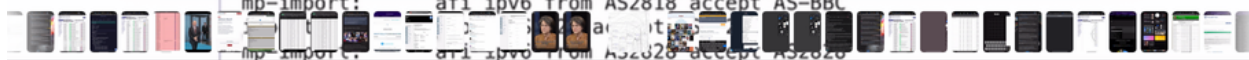
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November 5, 2024 10:08 PM				
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1721	Theorema Telecom Limited			AS39046
1722	Focus Broadband		X	AS33749
1723	Netnam Company		X	AS24173
1724	KT-NET Communications GmbH		X	AS39560
1725	Inter Krankenversicherung AG		X	AS21033
1726	AT&T COMUNICACIONES DIGITALES S DE RL		X	AS28469
1727	GROUPE CANAL+ S.A.		X	AS29264
1728	velia.net		X	AS30083
1729	BankOnIT, L.L.C.		X	AS46416
1730	Datapark AG		X	AS21040
1731	Hetzner Online GmbH		X	AS212317
1732	InfoServe GmbH		X	AS9188
1733	Google LLC		X	AS19527
1734	China Education and Research Network Center		X	AS4538
1735	Luke Eiji Granger-Brown		X	AS20547
1736	Centrilogic, Inc.		X	AS31863
1737	Ansible Networks, LLC		X	AS14570
1738	Istqrar for Servers Services Ltd		X	AS211826
1739	Atlantic LLC.		X	AS20460
1740	Censys, Inc.		X	AS39870
1741	NortonLifeLock Inc.		X	AS16733
1742	EZE Castle Integration Inc.		X	AS14717
1743	link-lab GbR Schmidt Waehlich		X	AS51224
1744	Inteliglobe USA, Inc.		X	AS16921
1745	KOREX networks, s.r.o.		X	AS57710
1746	Hetzner Online GmbH		X	AS21323
1747	Citytelecom LLC		X	AS28762
1748	ACD.net		X	AS14103
1749	GoDaddy.com, LLC		X	AS39751
1750	VMWare, Inc.		X	AS39573
1751	Zeofast Network		X	AS10111
1752	Rutgers, The State University		X	AS46
1753	Thales Cloud Securise SAS		X	AS20204
1754	Limited Liability Company Transneft Telecom		X	AS60388
1755	Greece Internet Ltd		X	AS59565
1756	REACH4 Communications		X	AS27298

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mp-import: afi ipv6 from AS249 accept AS249:AS-CUSTOMERS
import: from AS271 accept AS271:AS-BCNET-MEMBERS
mp-import: afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS
import: from AS302 accept AS-BCMI1
mp-import: afi ipv6 from AS302 accept AS-BCMI1
import: from AS553 accept AS-BELWUE
mp-import: afi ipv6 from AS553 accept AS-BELWUE
import: from AS559 accept AS-SWITCH
mp-import: afi ipv6 from AS559 accept AS-SWITCH
import: from AS577 accept AS577:AS-CUSTOMERS
mp-import: afi ipv6 from AS577 accept AS577:AS-CUSTOMERS
import: from AS680 accept AS-DFNTOWINISP
mp-import: afi ipv6 from AS680 accept AS-DFNTOWINISP
import: from AS701 accept AS701
mp-import: afi ipv6 from AS701 accept AS701
import: from AS702 accept AS702:RS-EURO
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import: from AS703 accept AS703
mp-import: afi ipv6 from AS703 accept AS703
import: from AS714 accept AS-APPLE
mp-import: afi ipv6 from AS714 accept AS-APPLE
import: from AS786 accept AS-JANETUS
mp-import: afi ipv6 from AS786 accept AS-JANETUS
import: from AS833 accept AS833
mp-import: afi ipv6 from AS833 accept AS833
import: from AS835 accept AS-GOCODEIT-ALL
mp-import: afi ipv6 from AS835 accept AS-GOCODEIT-ALL
import: from AS852 accept AS-TELUS
mp-import: afi ipv6 from AS852 accept AS-TELUS
import: from AS855 accept AS855:AS-CUSTOMERS
mp-import: afi ipv6 from AS855 accept AS855:AS-CUSTOMERS
import: from AS906 accept AS-DMITINC
mp-import: afi ipv6 from AS906 accept AS-DMITINC
import: from AS928 accept AS-GVME2
mp-import: afi ipv6 from AS928 accept AS-GVME2
import: from AS939 accept AS-NOVOSERVE-LLC
mp-import: afi ipv6 from AS939 accept AS-NOVOSERVE-LLC
import: from AS945 accept AS-AUGUST
mp-import: afi ipv6 from AS945 accept AS-AUGUST
import: from AS954 accept AS-954
mp-import: afi ipv6 from AS954 accept AS-954
import: from AS984 accept AS984:AS-TRANSIT
mp-import: afi ipv6 from AS984 accept AS984:AS-TRANSIT
import: from AS1100 accept AS-NUDAY
mp-import: afi ipv6 from AS1100 accept AS-NUDAY
import: from AS1218 accept AS-ORACLE-OCI-OC4
mp-import: afi ipv6 from AS1218 accept AS-ORACLE-OCI-OC4
import: from AS1248 accept AS-HERE
mp-import: afi ipv6 from AS1248 accept AS-HERE
import: from AS1257 accept AS-TELE2
mp-import: afi ipv6 from AS1257 accept AS-TELE2
import: from AS1267 accept AS-INFOSTRADA
mp-import: afi ipv6 from AS1267 accept AS-INFOSTRADA
import: from AS1273 accept AS1273:AS-CWW
mp-import: afi ipv6 from AS1273 accept AS1273:AS-CWW
import: from AS1280 accept AS1280:AS-SET
mp-import: afi ipv6 from AS1280 accept AS1280:AS-SET
import: from AS1311 accept AS1311
mp-import: afi ipv6 from AS1311 accept AS1311
import: from AS1403 accept AS1403:AS-CUSTOMERS
mp-import: afi ipv6 from AS1403 accept AS1403:AS-CUSTOMERS
import: from AS1421 accept AS-WANSECURITY
mp-import: afi ipv6 from AS1421 accept AS-WANSECURITY
import: from AS1448 accept AS1448
mp-import: afi ipv6 from AS1448 accept AS1448
import: from AS1449 accept AS1449
```



mp-import: afi i November 5, 2024 AS1273:AS-CWW
mp-import: afi i 10:08 PM AS1273:AS-CWW-V6
import: from AS1273:AS-SET
mp-import: afi ipv6 from AS1280 accept AS1280:AS-SET
import: from AS1311 accept AS1311
mp-import: afi ipv6 from AS1311 accept AS1311
import: from AS1403 accept AS1403:AS-CUSTOMERS
mp-import: afi ipv6 from AS1403 accept AS1403:AS-CUSTOMERS
import: from AS1421 accept AS-WANSECURITY
mp-import: afi ipv6 from AS1421 accept AS-WANSECURITY
import: from AS1448 accept AS1448
mp-import: afi ipv6 from AS1448 accept AS1448
import: from AS1449 accept AS1449
mp-import: afi ipv6 from AS1449 accept AS1449
import: from AS1492 accept AS1492
mp-import: afi ipv6 from AS1492 accept AS1492
import: from AS1523 accept AS1523
mp-import: afi ipv6 from AS1523 accept AS1523
import: from AS1547 accept AS-IDK
mp-import: afi ipv6 from AS1547 accept AS-IDK
import: from AS1680 accept AS-NV
mp-import: afi ipv6 from AS1680 accept AS-NV
import: from AS1759 accept AS-TSF-CUSTOMERS
mp-import: afi ipv6 from AS1759 accept AS-TSF-GLOBAL
import: from AS1764 accept AS-NEXTLAYER
mp-import: afi ipv6 from AS1764 accept AS-NEXTLAYER
import: from AS1820 accept AS-WTUC
mp-import: afi ipv6 from AS1820 accept AS-WTUC
import: from AS1828 accept AS-UNITAS
mp-import: afi ipv6 from AS1828 accept AS-UNITAS
import: from AS1955 accept AS-HBONE
mp-import: afi ipv6 from AS1955 accept AS-HBONE
import: from AS2116 accept AS-CATCHCOM
mp-import: afi ipv6 from AS2116 accept AS-CATCHCOM
import: from AS2119 accept AS-TELENOR
mp-import: afi ipv6 from AS2119 accept AS-TELENOR
import: from AS2280 accept AS2280
mp-import: afi ipv6 from AS2280 accept AS2280
import: from AS2381 accept AS-WISCNET
mp-import: afi ipv6 from AS2381 accept AS-WISCNET
import: from AS2495 accept AS2495:AS-MEMBERS
mp-import: afi ipv6 from AS2495 accept AS2495:AS-MEMBERS
import: from AS2497 accept AS-IIJ
mp-import: afi ipv6 from AS2497 accept AS-IIJ
import: from AS2516 accept AS-KDD
mp-import: afi ipv6 from AS2516 accept AS-KDDI6
import: from AS2518 accept AS-MESH
mp-import: afi ipv6 from AS2518 accept AS-MESH
import: from AS2519 accept AS-VECTANT
mp-import: afi ipv6 from AS2519 accept AS-IPV6_VECTANT
import: from AS2527 accept AS-SO-NET
mp-import: afi ipv6 from AS2527 accept AS-SO-NET6
import: from AS2541 accept AS-OPERATIUNI-SPECIALE
mp-import: afi ipv6 from AS2541 accept AS-OPERATIUNI-SPECIALE
import: from AS2572 accept AS-MORENET
mp-import: afi ipv6 from AS2572 accept AS-MORENET
import: from AS2586 accept AS-UNINET-TIX
mp-import: afi ipv6 from AS2586 accept AS-UNINET-TIX
import: from AS2589 accept AS-WANSTOR
mp-import: afi ipv6 from AS2589 accept AS-WANSTOR
import: from AS2603 accept AS-NORDUNET
mp-import: afi ipv6 from AS2603 accept AS-NORDUNET
import: from AS2635 accept AS-AUTOMATTIC
mp-import: afi ipv6 from AS2635 accept AS-AUTOMATTIC
import: from AS2686 accept AS-IGNEMEA
mp-import: afi ipv6 from AS2686 accept AS-IGNEMEA
import: from AS2687 accept AS-ATTAP
mp-import: afi ipv6 from AS2687 accept AS-ATTAP
import: from AS2711 accept AS2711:AS-CUSTOMERS
mp-import: afi ipv6 from AS2711 accept AS2711:AS-CUSTOMERS
import: from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2820 accept AS2820



[Quick Links](#)
[AS Info](#)
[Graph v4](#)
[Graph v6](#)
[Prefixes v4](#)
[Prefixes v6](#)
[Peers v4](#)
[Peers v6](#)

```

as-block: AS1299 - AS1309
descr: RIPE NCC ASN block
remarks: These AS Numbers are assigned to network operators in the RIPE NCC
service region.
mnt-by: RIPE-NCC-HM-MNT
created: 2018-11-22T15:27:10Z
last-modified: 2018-11-22T15:27:10Z
source: RIPE

aut-num: AS1299
org: ORG-TCA32-RIPE
as-name: TWELVE99
descr: Arelion, f/k/a Telia Carrier
remarks: -----
remarks:
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
remarks: -----
import: from AS26 accept AS26:AS-ALL
mp-import: afi ipv6 from AS26 accept AS26:AS-ALL
import: from AS42 accept AS-PCH
mp-import: afi ipv6 from AS42 accept AS-PCH
import: from AS46 accept AS-RUTGERS
mp-import: afi ipv6 from AS46 accept AS-RUTGERS
import: from AS57 accept AS-NLG-T0-TRANSIT
mp-import: afi ipv6 from AS57 accept AS-NLG-T0-TRANSIT
import: from AS109 accept AS-CISCO
mp-import: afi ipv6 from AS109 accept AS-CISCO
import: from AS137 accept AS-GARR
mp-import: afi ipv6 from AS137 accept AS-GARR
import: from AS158 accept AS158
mp-import: afi ipv6 from AS158 accept AS158
import: from AS174 accept AS174
mp-import: afi ipv6 from AS174 accept AS174
import: from AS237 accept AS-MICHNET
mp-import: afi ipv6 from AS237 accept AS-MICHNET
import: from AS249 accept AS249:AS-CUSTOMERS
mp-import: afi ipv6 from AS249 accept AS249:AS-CUSTOMERS
import: from AS271 accept AS271:AS-BCNET-MEMBERS
mp-import: afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS
import: from AS302 accept AS-BCMI1
mp-import: afi ipv6 from AS302 accept AS-BCMI1
import: from AS553 accept AS-BELWUE
mp-import: afi ipv6 from AS553 accept AS-BELWUE
import: from AS559 accept AS-SWITCH
mp-import: afi ipv6 from AS559 accept AS-SWITCH
import: from AS577 accept AS577:AS-CUSTOMERS
mp-import: afi ipv6 from AS577 accept AS577:AS-CUSTOMERS
import: from AS680 accept AS-DFNTOWINISP
mp-import: afi ipv6 from AS680 accept AS-DFNTOWINISP
import: from AS701 accept AS701

```


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```
mp-import: afi ipv6 from AS2687 accept AS-ATTAP
import: from AS2711 accept AS2711:AS-CUSTOMERS
mp-import: afi ipv6 from AS2711 accept AS2711:AS-CUSTOMERS
import: from AS2818 accept AS-BBC
mp-import: afi ipv6 from AS2818 accept AS-BBC
import: from AS2828 accept AS2828
mp-import: afi ipv6 from AS2828 accept AS2828
import: from AS2854 accept AS-ROSPRINT
mp-import: afi ipv6 from AS2854 accept AS-OBSRUSSIA6
import: from AS2874 accept AS-OBS-NORDICS
mp-import: afi ipv6 from AS2874 accept AS-OBS-NORDICS
import: from AS2906 accept AS-NFLX
mp-import: afi ipv6 from AS2906 accept AS-NFLX
import: from AS2914 accept AS2914:AS-GLOBAL
mp-import: afi ipv6 from AS2914 accept AS2914:AS-GLOBAL-V6
import: from AS3064 accept AS3064
mp-import: afi ipv6 from AS3064 accept AS3064
import: from AS3128 accept AS-UWSYSNET
mp-import: afi ipv6 from AS3128 accept AS-UWSYSNET
import: from AS3170 accept AS-VELOXSERV
mp-import: afi ipv6 from AS3170 accept AS-VELOXSERV
import: from AS3175 accept AS-DATAHOUSE
mp-import: afi ipv6 from AS3175 accept AS-DATAHOUSE
import: from AS3204 accept AS-XTOM
mp-import: afi ipv6 from AS3204 accept AS-XTOM
import: from AS3209 accept AS-ARCORGLOBAL
mp-import: afi ipv6 from AS3209 accept AS-ARCORGLOBAL
import: from AS3214 accept AS-XTOM
mp-import: afi ipv6 from AS3214 accept AS-XTOM
import: from AS3216 accept AS-SOVAM
mp-import: afi ipv6 from AS3216 accept AS-SOVAM-V6
import: from AS3221 accept AS-EENET
mp-import: afi ipv6 from AS3221 accept AS-EENET
import: from AS3223 accept AS-VOXILITY-SET
mp-import: afi ipv6 from AS3223 accept AS-VOXILITY-SET
import: from AS3225 accept AS-UCC
mp-import: afi ipv6 from AS3225 accept AS-UCC
import: from AS3226 accept AS-MARK-ITT
mp-import: afi ipv6 from AS3226 accept AS-MARK-ITT
import: from AS3249 accept AS-ESTPAK
mp-import: afi ipv6 from AS3249 accept AS-ESTPAK
import: from AS3257 accept AS-GTT
mp-import: afi ipv6 from AS3257 accept AS-GTT
import: from AS3261 accept AS-DIPT
mp-import: afi ipv6 from AS3261 accept AS-DIPT
import: from AS3262 accept AS-SARENET
mp-import: afi ipv6 from AS3262 accept AS-SARENET
import: from AS3267 accept AS3267:AS-CUSTOMERS:AS-FULL
mp-import: afi ipv6 from AS3267 accept AS3267:AS-CUSTOMERS:AS-FULL
import: from AS3292 accept AS-TDCNET
mp-import: afi ipv6 from AS3292 accept AS-TDCNET
import: from AS3300 accept AS-BT-GLOBAL
mp-import: afi ipv6 from AS3300 accept AS-BT-GLOBAL
import: from AS3301 accept AS-TELINETSE
mp-import: afi ipv6 from AS3301 accept AS-TELINETSE-V6
import: from AS3308 accept AS-TELINETDK
mp-import: afi ipv6 from AS3308 accept AS-TELINETDK
import: from AS3320 accept AS3320:AS-DTAG
mp-import: afi ipv6 from AS3320 accept AS3320:AS-DTAG
import: from AS3326 accept AS3326:AS-EXT
mp-import: afi ipv6 from AS3326 accept AS3326:AS-EXT
import: from AS3330 accept AS-PROFINET
mp-import: afi ipv6 from AS3330 accept AS-PROFINET
import: from AS3331 accept AS-OPENXS
mp-import: afi ipv6 from AS3331 accept AS-OPENXS
import: from AS3342 accept AS-TERACOMDK
mp-import: afi ipv6 from AS3342 accept AS-TERACOMDK
import: from AS3356 accept AS3356
```

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```
import: from AS3900 accept AS-DATAFOUNDY
import: from AS3900 accept AS-ESTOXY
mp-import: afi ipv6 from AS3920 accept AS-ESTOXY
import: afi ipv6 from AS3920 accept AS-ESTOXY
import: from AS3999 accept AS-PENNSTATE
mp-import: afi ipv6 from AS3999 accept AS-PENNSTATE
import: from AS4134 accept AS-CN
mp-import: afi ipv6 from AS4134 accept AS-CN
import: from AS4181 accept AS-TDS-TRANSIT
mp-import: afi ipv6 from AS4181 accept AS-TDS-TRANSIT
import: from AS4213 accept AS-VPLS
mp-import: afi ipv6 from AS4213 accept AS-VPLS
import: from AS4226 accept AS-SUMOFIBER
mp-import: afi ipv6 from AS4226 accept AS-SUMOFIBER
import: from AS4229 accept AS-ZENLAYER
mp-import: afi ipv6 from AS4229 accept AS-ZENLAYER
import: from AS4230 accept AS-EMBRATELNET
mp-import: afi ipv6 from AS4230 accept AS-EMBRATELNET
import: from AS4258 accept AS-ACCRETIVE
mp-import: afi ipv6 from AS4258 accept AS-ACCRETIVE
import: from AS4455 accept AS-BS0
mp-import: afi ipv6 from AS4455 accept AS-BS0
import: from AS4459 accept AS-SET-FOR-NNI-TO-TS
mp-import: afi ipv6 from AS4459 accept AS-SET-FOR-NNI-TO-TS
import: from AS4474 accept AS-TCTWEST
mp-import: afi ipv6 from AS4474 accept AS-TCTWEST
import: from AS4531 accept AS4531
mp-import: afi ipv6 from AS4531 accept AS4531
import: from AS4538 accept AS4538
mp-import: afi ipv6 from AS4538 accept AS4538
import: from AS4557 accept AS-SETG-TELIA
mp-import: afi ipv6 from AS4557 accept AS-SETG-TELIA
import: from AS4628 accept AS4628:AS-CUSTOMERS
mp-import: afi ipv6 from AS4628 accept AS4628:AS-CUSTOMERS
import: from AS4637 accept AS-TELSTRA-INTL-CUSTOMERS
mp-import: afi ipv6 from AS4637 accept AS-TELSTRA-INTL-CUSTOMERS
import: from AS4648 accept AS-4648-CUSTOMERS
mp-import: afi ipv6 from AS4648 accept AS-4648-CUSTOMERS
import: from AS4651 accept AS-THIX
mp-import: afi ipv6 from AS4651 accept AS-THIX
import: from AS4657 accept AS-STARHUBINTERNET
mp-import: afi ipv6 from AS4657 accept AS-STARHUBINTERNET
import: from AS4739 accept AS-TPG
mp-import: afi ipv6 from AS4739 accept AS-TPG
import: from AS4761 accept AS-4761
mp-import: afi ipv6 from AS4761 accept AS-4761
import: from AS4764 accept AS4764:AS-AB
mp-import: afi ipv6 from AS4764 accept AS4764:AS-AB
import: from AS4766 accept AS-KORNETBGP
mp-import: afi ipv6 from AS4766 accept AS-KORNETBGP
import: from AS4773 accept AS4773
mp-import: afi ipv6 from AS4773 accept AS4773
import: from AS4775 accept AS-TRANSIT-GLOBE
mp-import: afi ipv6 from AS4775 accept AS-TRANSIT-GLOBE
import: from AS4788 accept AS-4788
mp-import: afi ipv6 from AS4788 accept AS-4788
import: from AS4788 accept AS-4788V6
mp-import: afi ipv6 from AS4788 accept AS-4788V6
import: from AS4800 accept AS-LINTASARTA-NAP
mp-import: afi ipv6 from AS4800 accept AS-LINTASARTA-NAP
import: from AS4809 accept AS-CN2
mp-import: afi ipv6 from AS4809 accept AS-CN2
import: from AS4826 accept AS4826:AS-VOCUS
mp-import: afi ipv6 from AS4826 accept AS4826:AS-VOCUS
import: from AS4837 accept AS4837:AS-CNCGROUP
mp-import: afi ipv6 from AS4837 accept AS4837:AS-CNCGROUP
import: from AS4922 accept AS-SHENTEL
mp-import: afi ipv6 from AS4922 accept AS-SHENTEL
import: from AS5056 accept AS-AUREON-TRANSIT
mp-import: afi ipv6 from AS5056 accept AS-AUREON-TRANSIT
import: from AS5078 accept AS-ONENETOK
mp-import: afi ipv6 from AS5078 accept AS-ONENETOK
import: from AS5377 accept AS-MARKLINK
```


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NETOK

```
import: from AS5377 accept AS-ONENETOK
mp-import: afi ipv6 from AS5377 accept AS-ONENETOK
import: from AS5378 accept AS-MARLINK
mp-import: afi ipv6 from AS5377 accept AS-MARLINK
import: from AS5378 accept AS5378
mp-import: afi ipv6 from AS5378 accept AS5378
import: from AS5385 accept AS-TELEPORT
mp-import: afi ipv6 from AS5385 accept AS-TELEPORT
import: from AS5391 accept AS-HRHINET
mp-import: afi ipv6 from AS5391 accept AS-HRHINET
import: from AS5394 accept AS-UNIDATACUST
mp-import: afi ipv6 from AS5394 accept AS-UNIDATACUST
import: from AS5400 accept AS-BT-EU
mp-import: afi ipv6 from AS5400 accept AS-BT-EU
import: from AS5405 accept AS5405:AS-INTERDOTLINK
mp-import: afi ipv6 from AS5405 accept AS5405:AS-INTERDOTLINK
import: from AS5410 accept AS-BOUYGTEL-ISP
mp-import: afi ipv6 from AS5410 accept AS-BOUYGTEL-ISP
import: from AS5413 accept AS5413:AS-CUSTOMER
mp-import: afi ipv6 from AS5413 accept AS5413:AS-CUSTOMER
import: from AS5429 accept AS-IIPNET
mp-import: afi ipv6 from AS5429 accept AS-IIPNET
import: from AS5430 accept AS-FREENETDE
mp-import: afi ipv6 from AS5430 accept AS-FREENETDE
import: from AS5436 accept AS-BTAH
mp-import: afi ipv6 from AS5436 accept AS-BTAH
import: from AS5466 accept AS-EIRCOM
mp-import: afi ipv6 from AS5466 accept AS-EIRCOM
import: from AS5482 accept AS5482:AS-ORIGIN
mp-import: afi ipv6 from AS5482 accept AS5482:AS-ORIGIN
import: from AS5504 accept AS-LOGOSNET
mp-import: afi ipv6 from AS5504 accept AS-LOGOSNET
import: from AS5505 accept AS-VADAVO-TRANSITO
mp-import: afi ipv6 from AS5505 accept AS-VADAVO-TRANSITO
import: from AS5511 accept AS-OPENTRANSIT
mp-import: afi ipv6 from AS5511 accept AS-OPENTRANSIT
import: from AS5518 accept AS-TELIANETLV
mp-import: afi ipv6 from AS5518 accept AS-TELIANETLV
import: from AS5537 accept AS-RUCENTER
mp-import: afi ipv6 from AS5537 accept AS-RUCENTER
import: from AS5539 accept AS-SPACENET
mp-import: afi ipv6 from AS5539 accept AS-SPACENET-V6
import: from AS5578 accept AS-BENESTRA
mp-import: afi ipv6 from AS5578 accept AS-BENESTRA
import: from AS5605 accept AS-NETUSE
mp-import: afi ipv6 from AS5605 accept AS-NETUSE
import: from AS5606 accept AS-GTSRO
mp-import: afi ipv6 from AS5606 accept AS-GTSRO
import: from AS5607 accept AS-BSKYB-BROADBAND
mp-import: afi ipv6 from AS5607 accept AS-BSKYB-BROADBAND
import: from AS5610 accept AS-CTIOL
mp-import: afi ipv6 from AS5610 accept AS-CTIOL
import: from AS5617 accept AS-TPNET
mp-import: afi ipv6 from AS5617 accept AS5617:AS-WORLD-TRANSIT
import: from AS5645 accept AS5645:AS-CUSTOMERS
mp-import: afi ipv6 from AS5645 accept AS5645:AS-CUSTOMERS
import: from AS5670 accept AS5670:AS-CONE
mp-import: afi ipv6 from AS5670 accept AS5670:AS-CONE
import: from AS5715 accept AS-NTAJC
mp-import: afi ipv6 from AS5715 accept AS-NTAJC
import: from AS5769 accept AS5769:AS-CUSTOMERS
mp-import: afi ipv6 from AS5769 accept AS5769:AS-CUSTOMERS
import: from AS6057 accept AS-ANTEL-ALL
mp-import: afi ipv6 from AS6057 accept AS-ANTEL-ALL
import: from AS6079 accept AS-RCN
mp-import: afi ipv6 from AS6079 accept AS-RCN
import: from AS6128 accept AS6128:AS-CUSTOMERS
mp-import: afi ipv6 from AS6128 accept AS6128:AS-CUSTOMERS
import: from AS6140 accept AS-TWOP
mp-import: afi ipv6 from AS6140 accept AS-TWOP
import: from AS6169 accept AS-RENTIR
```


mp-import: afi i November 5, 2024 AS5769:AS-CUSTOMER
import: from AS6057 10:08 PM AS-ANT
mp-import: afi ipv6 from AS6057 accept AS-ANT
import: from AS6079 accept AS-RCN
mp-import: afi ipv6 from AS6079 accept AS-RCN
import: from AS6128 accept AS6128:AS-CUSTOMERS
mp-import: afi ipv6 from AS6128 accept AS6128:AS-CUSTOMERS
import: from AS6140 accept AS-TWOP
mp-import: afi ipv6 from AS6140 accept AS-TWOP
import: from AS6169 accept AS-KENTIK
mp-import: afi ipv6 from AS6169 accept AS-KENTIK
import: from AS6181 accept AS-FUSE
mp-import: afi ipv6 from AS6181 accept AS-FUSE
import: from AS6204 accept AS-ZETNET
mp-import: afi ipv6 from AS6204 accept AS-ZETNET
import: from AS6206 accept AS-NETROUTING
mp-import: afi ipv6 from AS6206 accept AS-NETROUTING
import: from AS6208 accept AS6208:AS-CUSTOMERS
mp-import: afi ipv6 from AS6208 accept AS6208:AS-CUSTOMERS
import: from AS6233 accept AS-XTOM
mp-import: afi ipv6 from AS6233 accept AS-XTOM
import: from AS6282 accept AS6282
mp-import: afi ipv6 from AS6282 accept AS6282
import: from AS6327 accept AS-BIGPIPE
mp-import: afi ipv6 from AS6327 accept AS-BIGPIPE
import: from AS6336 accept AS-TREMOR-SET4
mp-import: afi ipv6 from AS6336 accept AS-TREMOR-SET4
import: from AS6352 accept AS6352
mp-import: afi ipv6 from AS6352 accept AS6352
import: from AS6400 accept AS-CODETEL
mp-import: afi ipv6 from AS6400 accept AS-CODETEL
import: from AS6423 accept AS-6423
mp-import: afi ipv6 from AS6423 accept AS-6423
import: from AS6424 accept AS-EDG00
mp-import: afi ipv6 from AS6424 accept AS-EDG00
import: from AS6453 accept AS-GLOBEINTERNET
mp-import: afi ipv6 from AS6453 accept AS-GLOBEINTERNET
import: from AS6461 accept AS-MFNX
mp-import: afi ipv6 from AS6461 accept AS-MFNX
import: from AS6468 accept AS6468
import: from AS6503 accept AS-AXTEL
mp-import: afi ipv6 from AS6503 accept AS-AXTEL
import: from AS6507 accept AS-RIOT
mp-import: afi ipv6 from AS6507 accept AS-RIOT
import: from AS6619 accept AS6619
mp-import: afi ipv6 from AS6619 accept AS6619
import: from AS6620 accept AS6620
mp-import: afi ipv6 from AS6620 accept AS6620
import: from AS6623 accept AS-CBSI
mp-import: afi ipv6 from AS6623 accept AS-CBSI
import: from AS6643 accept AS-JIVE
mp-import: afi ipv6 from AS6643 accept AS-JIVE
import: from AS6653 accept AS-6653
mp-import: afi ipv6 from AS6653 accept AS-6653
import: from AS6663 accept AS-PANTEL
mp-import: afi ipv6 from AS6663 accept AS-PANTEL
import: from AS6667 accept AS-EUNETIP
mp-import: afi ipv6 from AS6667 accept AS-EUNETIP
import: from AS6677 accept AS-ICENET
mp-import: afi ipv6 from AS6677 accept AS-ICENET
import: from AS6694 accept AS-RTSNET
mp-import: afi ipv6 from AS6694 accept AS-RTSNET
import: from AS6696 accept AS-VERIXI
mp-import: afi ipv6 from AS6696 accept AS-VERIXI
import: from AS6697 accept AS-BELPAK
mp-import: afi ipv6 from AS6697 accept AS-BELPAK
import: from AS6700 accept AS-BEOTELNET
mp-import: afi ipv6 from AS6700 accept AS-BEOTELNET
import: from AS6747 accept AS-LATTELEKOM
mp-import: afi ipv6 from AS6747 accept AS-LATTELEKOM
import: from AS6758 accept AS6758:AS-CUSTOMERS
mp-import: afi ipv6 from AS6758 accept AS6758:AS-CUSTOMERS
import: from AS6762 accept AS-SABUNE

```

mp-import: afi ipv6 from AS6758:AS-SYSTEM
import: from AS6762 accept AS-SEAONE
mp-import: afi ipv6 from AS6768 accept AS-EUROTELE
import: from AS6768 accept AS-EUROTELE
mp-import: afi ipv6 from AS6768 accept AS-EUROTELE
import: from AS6774 accept AS6774:AS-BICS-TRANSIT
mp-import: afi ipv6 from AS6774 accept AS6774:AS-BICS-TRANSIT
import: from AS6810 accept AS-BEZEQ
mp-import: afi ipv6 from AS6810 accept AS-BEZEQ
import: from AS6821 accept AS-MTNET
mp-import: afi ipv6 from AS6821 accept AS-MTNET
import: from AS6830 accept AS-AORTA
mp-import: afi ipv6 from AS6830 accept AS-AORTA
import: from AS6849 accept AS-UKRTBLBT
import: from AS6855 accept AS-SLOVAK
mp-import: afi ipv6 from AS6855 accept AS-SLOVAK
import: from AS6866 accept AS-CYTANET
mp-import: afi ipv6 from AS6866 accept AS-CYTANET
import: from AS6922 accept AS-6922
mp-import: afi ipv6 from AS6922 accept AS-6922
import: from AS6939 accept AS-HURRICANE
mp-import: afi ipv6 from AS6939 accept AS-HURRICANE
import: from AS7018 accept AS-ATT
mp-import: afi ipv6 from AS7018 accept AS-ATT
import: from AS7029 accept AS-WINDSTREAM
mp-import: afi ipv6 from AS7029 accept AS-WINDSTREAM
import: from AS7065 accept AS-SONICTRANSIT
mp-import: afi ipv6 from AS7065 accept AS-SONICTRANSIT
import: from AS7131 accept AS7131:AS-CONE
mp-import: afi ipv6 from AS7131 accept AS7131:AS-CONE
import: from AS7138 accept AS7138
import: from AS7181 accept AS-TIERPOINT
mp-import: afi ipv6 from AS7181 accept AS-TIERPOINT
import: from AS7195 accept AS-EDGEUNO
mp-import: afi ipv6 from AS7195 accept AS-EDGEUNO
import: from AS7219 accept AS7219:AS-TULIX
mp-import: afi ipv6 from AS7219 accept AS7219:AS-TULIX
import: from AS7270 accept AS7270
mp-import: afi ipv6 from AS7270 accept AS7270
import: from AS7296 accept AS-ALCHEMY
mp-import: afi ipv6 from AS7296 accept AS-ALCHEMY
import: from AS7341 accept AS7341:AS-ALL
mp-import: afi ipv6 from AS7341 accept AS7341:AS-ALL
import: from AS7342 accept AS-GTLD
mp-import: afi ipv6 from AS7342 accept AS-GTLD
import: from AS7366 accept AS7366
mp-import: afi ipv6 from AS7366 accept AS7366
import: from AS7393 accept AS-CYBERCON
mp-import: afi ipv6 from AS7393 accept AS-CYBERCON
import: from AS7453 accept AS-ACCELERATION
mp-import: afi ipv6 from AS7453 accept AS-ACCELERATION
import: from AS7459 accept AS-GRANDE
mp-import: afi ipv6 from AS7459 accept AS-GRANDE
import: from AS7473 accept AS-SINGTEL
mp-import: afi ipv6 from AS7473 accept AS-SINGTEL
import: from AS7483 accept AS-7483-AS-SET
mp-import: afi ipv6 from AS7483 accept AS-7483-AS-SET
import: from AS7545 accept AS-TPG
mp-import: afi ipv6 from AS7545 accept AS-TPG
import: from AS7552 accept AS-7552
mp-import: afi ipv6 from AS7552 accept AS-7552
import: from AS7607 accept AS7607:AS-RBN
mp-import: afi ipv6 from AS7607 accept AS7607:AS-RBN
import: from AS7632 accept AS7632:AS-LINKNET
mp-import: afi ipv6 from AS7632 accept AS7632:AS-LINKNET
import: from AS7642 accept AS-DHIRAAGU
mp-import: afi ipv6 from AS7642 accept AS-DHIRAAGU
import: from AS7713 accept AS7713:AS-TELKOM-TRANSIT
mp-import: afi ipv6 from AS7713 accept AS7713:AS-TELKOM-TRANSIT
import: from AS7727 accept AS7727
mp-import: afi ipv6 from AS7727 accept AS7727
import: from AS7775 accept AS7775
import: from AS7780 accept AS7780

```



```

mp-import: afi ipv6 from AS8495 accept AS-INTERNIC
import: from AS8495 1008PM AS-INTERNIC
mp-import: afi ipv6 from AS8523 accept AS-BASEFARM
import: from AS8523 accept AS-BASEFARM
mp-import: afi ipv6 from AS8544 accept AS-NSP
import: from AS8544 accept AS-NSP
mp-import: afi ipv6 from AS8551 accept AS-BEZEQINT
import: from AS8551 accept AS-BEZEQINT
mp-import: afi ipv6 from AS8554 accept AS-TAS
import: from AS8554 accept AS-TAS
mp-import: afi ipv6 from AS8560 accept AS-IONOS
import: from AS8560 accept AS-IONOS
mp-import: afi ipv6 from AS8563 accept AS-DIRECTNET
import: from AS8563 accept AS-DIRECTNET
mp-import: afi ipv6 from AS8596 accept AS-HOTZE
import: from AS8596 accept AS-HOTZE
mp-import: afi ipv6 from AS8636 accept AS-MAX
import: from AS8636 accept AS-MAX
mp-import: afi ipv6 from AS8637 accept AS-SPAINWISPCORE
import: from AS8637 accept AS-SPAINWISPCORE
mp-import: afi ipv6 from AS8641 accept AS-NAUKANET
import: from AS8641 accept AS-NAUKANET
mp-import: afi ipv6 from AS8646 accept AS-CLOUDINFRASTACK
import: from AS8646 accept AS-CLOUDINFRASTACK
mp-import: afi ipv6 from AS8647 accept AS-IP-PORT
import: from AS8647 accept AS-IP-PORT
mp-import: afi ipv6 from AS8648 accept AS-KAMP
import: from AS8648 accept AS-KAMP
mp-import: afi ipv6 from AS8651 accept AS8651
import: from AS8651 accept AS8651
mp-import: afi ipv6 from AS8657 accept AS-CPRM
import: from AS8657 accept AS-CPRM
mp-import: afi ipv6 from AS8674 accept AS-NETNOD
import: from AS8674 accept AS-NETNOD
mp-import: afi ipv6 from AS8683 accept AS-NOMINET-CORE
import: from AS8683 accept AS-NOMINET-CORE
mp-import: afi ipv6 from AS8683 accept AS-NOMINET-CORE
import: from AS8708 accept AS-RDSNET
mp-import: afi ipv6 from AS8708 accept AS-RDSNET
import: from AS8717 accept AS-SPNET
mp-import: afi ipv6 from AS8717 accept AS-SPNET
import: from AS8732 accept AS-COMCOR
mp-import: afi ipv6 from AS8732 accept AS-COMCOR
import: from AS8757 accept AS-NSFOCUS
mp-import: afi ipv6 from AS8757 accept AS8757
import: from AS8757 accept AS8757
mp-import: afi ipv6 from AS8764 accept AS-LTELECOM
import: from AS8764 accept AS-LTELECOM
mp-import: afi ipv6 from AS8764 accept AS-TE06
import: from AS8764 accept AS-TE06
mp-import: afi ipv6 from AS8767 accept AS-MNETDE
import: from AS8767 accept AS-MNETDE
mp-import: afi ipv6 from AS8769 accept AS-ITTOTAL
import: from AS8769 accept AS-ITTOTAL
mp-import: afi ipv6 from AS8781 accept AS-QTEL-SET
import: from AS8781 accept AS-QTEL-SET
mp-import: afi ipv6 from AS8796 accept AS-8796
import: from AS8796 accept AS-8796
mp-import: afi ipv6 from AS8804 accept AS-IX-REGIONET
import: from AS8804 accept AS-IX-REGIONET
mp-import: afi ipv6 from AS8837 accept AS8837
import: from AS8837 accept AS8837
mp-import: afi ipv6 from AS8841 accept AS-MARLINK-NYC
import: from AS8841 accept AS-MARLINK-NYC
mp-import: afi ipv6 from AS8856 accept AS-UKRNET
import: from AS8856 accept AS-UKRNET
mp-import: afi ipv6 from AS8859 accept AS-OSN
import: from AS8859 accept AS-OSN
mp-import: afi ipv6 from AS8866 accept AS-BTC-UP
import: from AS8866 accept AS-BTC-UP
mp-import: afi ipv6 from AS8878 accept AS-NFON
import: from AS8878 accept AS-NFON
mp-import: afi ipv6 from AS8881 accept AS-VT-TRANSIT
import: from AS8881 accept AS-VT-TRANSIT
mp-import: afi ipv6 from AS8888 accept AS-XTOM
import: from AS8888 accept AS-XTOM
mp-import: afi ipv6 from AS8893 accept AS-ARTICLES
import: from AS8893 accept AS-ARTICLES

```




```
afi ipv6 from AS7727
import: from AS7727 accept AS7727
mp-import: from AS7727 accept AS7727
import: from AS7780 accept AS7780
mp-import: afi ipv6 from AS7786 accept AS7786
import: from AS7819 accept AS7819:AS-GLOBAL
mp-import: afi ipv6 from AS7819 accept AS7819:AS-GLOBAL
import: from AS7843 accept AS-ROADRUNNER
mp-import: afi ipv6 from AS7843 accept AS-ROADRUNNER
import: from AS7859 accept AS7859
mp-import: afi ipv6 from AS7859 accept AS7859
import: from AS7862 accept AS-CHEVRON
mp-import: afi ipv6 from AS7862 accept AS-CHEVRON
import: from AS7922 accept AS-COMCAST-IBONE
mp-import: afi ipv6 from AS7922 accept AS-COMCAST-IBONE
import: from AS7979 accept AS-SERVERSCOM
mp-import: afi ipv6 from AS7979 accept AS-SERVERSCOM
import: from AS7992 accept AS-COGEKO-TRANSIT
mp-import: afi ipv6 from AS7992 accept AS-COGEKO-TRANSIT
import: from AS8001 accept AS-NETACCESS
mp-import: afi ipv6 from AS8001 accept AS-NETACCESS
import: from AS8018 accept AS-VELOCITY
mp-import: afi ipv6 from AS8018 accept AS-VELOCITY
import: from AS8069 accept AS-MICROSOFT
mp-import: afi ipv6 from AS8069 accept AS-MICROSOFT
import: from AS8075 accept AS-MICROSOFT
mp-import: afi ipv6 from AS8075 accept AS-MICROSOFT
import: from AS8100 accept AS-SET-QUADRANET
mp-import: afi ipv6 from AS8100 accept AS-SET-QUADRANET
import: from AS8151 accept AS-8151
mp-import: afi ipv6 from AS8151 accept AS-8151
import: from AS8194 accept AS-VITA
mp-import: afi ipv6 from AS8194 accept AS-VITA
import: from AS8218 accept AS8218
mp-import: afi ipv6 from AS8218 accept AS8218
import: from AS8220 accept AS-COLT
import: from AS8220 accept AS-COLTNA
mp-import: afi ipv6 from AS8220 accept AS-COLT
mp-import: afi ipv6 from AS8220 accept AS-COLTNA
import: from AS8222 accept AS-NETPLACE
import: from AS8240 accept AS-8240-SET
mp-import: afi ipv6 from AS8240 accept AS-8240-SET
import: from AS8241 accept AS-RELLINE
mp-import: afi ipv6 from AS8241 accept AS-RELLINE
import: from AS8251 accept AS-NFX-UPSTREAM
mp-import: afi ipv6 from AS8251 accept AS-NFX-UPSTREAM
import: from AS8283 accept AS-COLOCLUE
mp-import: afi ipv6 from AS8283 accept AS-COLOCLUE
import: from AS8289 accept AS8289
mp-import: afi ipv6 from AS8289 accept AS8289
import: from AS8301 accept AS8301:AS-DOWNSTREAM
mp-import: afi ipv6 from AS8301 accept AS8301:AS-DOWNSTREAM
import: from AS8302 accept AS-ZATT00
mp-import: afi ipv6 from AS8302 accept AS-ZATT00
import: from AS8315 accept AS8315:AS-SENTIA
mp-import: afi ipv6 from AS8315 accept AS8315:AS-SENTIA
import: from AS8359 accept AS-MTU
mp-import: afi ipv6 from AS8359 accept AS-MTU
import: from AS8365 accept AS-MANDA
mp-import: afi ipv6 from AS8365 accept AS-MANDA
import: from AS8368 accept AS-BENESOL
mp-import: afi ipv6 from AS8368 accept AS-BENESOL
import: from AS8369 accept AS-INTERSVYAZ
mp-import: afi ipv6 from AS8369 accept AS-INTERSVYAZ
import: from AS8375 accept AS-KDDINET
mp-import: afi ipv6 from AS8375 accept AS-KDDINET
import: from AS8399 accept AS-SEWAN
mp-import: afi ipv6 from AS8399 accept AS-SEWAN
import: from AS8400 accept AS-TELEKOM
mp-import: afi ipv6 from AS8400 accept AS-TELEKOM
import: from AS8402 accept AS-CORBINA
mp-import: afi ipv6 from AS8402 accept AS-CORBINA-V6
import: from AS8415 accept AS-SALZBURG-AC
```

import: from AS8878 accept AS-BTC-UP
mp-import: afd ipv6 from AS8878 accept AS-BTC-UP
import: from AS8881 accept AS-NFON
mp-import: afd ipv6 from AS8881 accept AS-NFON
import: from AS8888 accept AS-VT-TRANSIT
mp-import: afd ipv6 from AS8888 accept AS-VT-TRANSIT
import: from AS8893 accept AS-ARTFILES
mp-import: afd ipv6 from AS8893 accept AS-ARTFILES
import: from AS8896 accept AS-XFIBER
mp-import: afd ipv6 from AS8896 accept AS-XFIBER
import: from AS8899 accept AS8899:AS-DG
mp-import: afd ipv6 from AS8899 accept AS8899:AS-DG
import: from AS8926 accept AS-MOLDTELECOM
mp-import: afd ipv6 from AS8926 accept AS-MOLDTELECOM-V6
import: from AS8943 accept AS8943:AS-CUSTOMERS
mp-import: afd ipv6 from AS8943 accept AS8943:AS-CUSTOMERS
import: from AS8953 accept AS-ORANGERO
mp-import: afd ipv6 from AS8953 accept AS-ORANGERO
import: from AS8966 accept AS-EMIX
mp-import: afd ipv6 from AS8966 accept AS-EMIX
import: from AS8968 accept AS-ALBACOM
mp-import: afd ipv6 from AS8968 accept AS-ALBACOM
import: from AS8990 accept AS-AH
mp-import: afd ipv6 from AS8990 accept AS-AH
import: from AS9002 accept AS-RETN
mp-import: afd ipv6 from AS9002 accept AS-RETN
import: from AS9009 accept AS-GBXS
mp-import: afd ipv6 from AS9009 accept AS-GBXS
import: from AS9029 accept AS-HOMETVPRO
mp-import: afd ipv6 from AS9029 accept AS-HOMETVPRO
import: from AS9031 accept AS-EDPNET
mp-import: afd ipv6 from AS9031 accept AS-EDPNET-V6
import: from AS9032 accept AS-EDUNET
mp-import: afd ipv6 from AS9032 accept AS-EDUNET
import: from AS9039 accept AS-IIAT
mp-import: afd ipv6 from AS9039 accept AS-IIAT
import: from AS9044 accept AS-SOLNET
mp-import: afd ipv6 from AS9044 accept AS-SOLNET
import: from AS9049 accept AS-ERTH
mp-import: afd ipv6 from AS9049 accept AS-ERTH
import: from AS9050 accept AS-RTD
mp-import: afd ipv6 from AS9050 accept AS-RTD
import: from AS9063 accept AS-SAARGATE
mp-import: afd ipv6 from AS9063 accept AS-SAARGATE
import: from AS9066 accept AS-BCC
mp-import: afd ipv6 from AS9066 accept AS-BCC
import: from AS9085 accept AS-SUPERMEDIA
mp-import: afd ipv6 from AS9085 accept AS-SUPERMEDIA
import: from AS9110 accept AS-AGTEL-INT
import: from AS9120 accept AS-KEEPIT-DK-CPH
mp-import: afd ipv6 from AS9120 accept AS-KEEPIT-DK-CPH
import: from AS9121 accept AS-TTNET
mp-import: afd ipv6 from AS9121 accept AS-TTNET
import: from AS9123 accept AS-TIMEWEB
mp-import: afd ipv6 from AS9123 accept AS-TIMEWEB
import: from AS9125 accept AS-ORIONTELEKOM
mp-import: afd ipv6 from AS9125 accept AS-ORIONTELEKOM
import: from AS9127 accept AS-NETISSAT
mp-import: afd ipv6 from AS9127 accept AS-NETISSAT
import: from AS9136 accept AS-WOBCOM
mp-import: afd ipv6 from AS9136 accept AS-WOBCOM
import: from AS9141 accept AS9141
mp-import: afd ipv6 from AS9141 accept AS9141
import: from AS9145 accept AS-EWETEL
mp-import: afd ipv6 from AS9145 accept AS-EWETEL
import: from AS9146 accept AS-BIHNET-ALL
mp-import: afd ipv6 from AS9146 accept AS-BIHNET-ALL
import: from AS9150 accept AS-INTERCONNECT
mp-import: afd ipv6 from AS9150 accept AS-INTERCONNECT
import: from AS9153 accept AS-BURSTFIRE
mp-import: afd ipv6 from AS9153 accept AS-BURSTFIRE

November 5, 2024
10:08 PMPROTECT-PHX
AS-NETPROTECT-PHX

```
import: from
mp-import: afi ipv6 from AS14010 accept AS14010
import: from
mp-import: afi ipv6 from AS14010 accept AS14010
import: from AS14012 accept AS14012
mp-import: afi ipv6 from AS14012 accept AS14012
import: from AS14016 accept AS14016
mp-import: afi ipv6 from AS14016 accept AS14016
import: from AS14031 accept AS14031
mp-import: afi ipv6 from AS14031 accept AS14031
import: from AS14041 accept AS-FRGP
mp-import: afi ipv6 from AS14041 accept AS-FRGP
import: from AS14051 accept AS-CCI-CA-CUST
import: from AS14061 accept AS-14061
mp-import: afi ipv6 from AS14061 accept AS-14061
import: from AS14080 accept AS14080:AS-CLARO
mp-import: afi ipv6 from AS14080 accept AS14080:AS-CLARO
import: from AS14103 accept AS14103:AS-ALL
mp-import: afi ipv6 from AS14103 accept AS14103:AS-ALL
import: from AS14153 accept AS14153
mp-import: afi ipv6 from AS14153 accept AS14153
import: from AS14163 accept AS14163
mp-import: afi ipv6 from AS14163 accept AS14163
import: from AS14178 accept AS14178:AS-MCM-TELECOM
mp-import: afi ipv6 from AS14178 accept AS14178:AS-MCM-TELECOM
import: from AS14210 accept AS14210
mp-import: afi ipv6 from AS14210 accept AS14210
import: from AS14224 accept AS-US-TAMPNET
mp-import: afi ipv6 from AS14224 accept AS-US-TAMPNET
import: from AS14244 accept AS-NSI-DC
mp-import: afi ipv6 from AS14244 accept AS-NSI-DC
import: from AS14265 accept AS-TELEPACIFIC
mp-import: afi ipv6 from AS14265 accept AS-TELEPACIFIC
import: from AS14333 accept AS14333:AS-CUSTOMERS
import: from AS14343 accept AS14343
mp-import: afi ipv6 from AS14343 accept AS14343
import: from AS14363 accept AS-MTCCOMM
mp-import: afi ipv6 from AS14363 accept AS-MTCCOMM
import: from AS14378 accept AS-XVL-V4
mp-import: afi ipv6 from AS14378 accept AS-XVL-V6
import: from AS14380 accept AS-OPUS
mp-import: afi ipv6 from AS14380 accept AS-OPUS
import: from AS14401 accept AS14401:AS-SOLIDNETWORK
mp-import: afi ipv6 from AS14401 accept AS14401:AS-SOLIDNETWORK
import: from AS14413 accept AS-LINKEDIN-TRANSIT
mp-import: afi ipv6 from AS14413 accept AS-LINKEDIN-TRANSIT
import: from AS14453 accept AS-CENTRILOGIC-CA
mp-import: afi ipv6 from AS14453 accept AS-CENTRILOGIC-CA
import: from AS14469 accept AS14469
mp-import: afi ipv6 from AS14469 accept AS14469
import: from AS14522 accept AS14522:AS-SATNET
mp-import: afi ipv6 from AS14522 accept AS14522:AS-SATNET
import: from AS14525 accept AS-STELLARAF
mp-import: afi ipv6 from AS14525 accept AS-STELLARAF
import: from AS14537 accept AS-CONTINENT8
mp-import: afi ipv6 from AS14537 accept AS-CONTINENT8
import: from AS14570 accept AS-IABAL
mp-import: afi ipv6 from AS14570 accept AS-IABAL
import: from AS14576 accept AS14576
mp-import: afi ipv6 from AS14576 accept AS14576
import: from AS14586 accept AS-NFO-CHI
mp-import: afi ipv6 from AS14586 accept AS-NFO-CHI
import: from AS14593 accept AS14593:AS-SX-STARLINK
mp-import: afi ipv6 from AS14593 accept AS14593:AS-SX-STARLINK
import: from AS14616 accept AS-IVANET-GLOBAL
mp-import: afi ipv6 from AS14616 accept AS-IVANET-GLOBAL
import: from AS14630 accept AS-IVZ
mp-import: afi ipv6 from AS14630 accept AS-IVZ
import: from AS14689 accept AS14689
mp-import: afi ipv6 from AS14689 accept AS14689
import: from AS14701 accept AS14701
mp-import: afi ipv6 from AS14701 accept AS14701
import: from AS14717 accept AS-ECINEI
```



```

mp-import:      afi ipv6 from AS11279 accept AS-BERMUDA
import:         from AS11279:AS-CONE
mp-import:      afi ipv6 from AS11279 accept AS11279:AS-CONE
import:         from AS11280 accept AS-SNAPPY
mp-import:      afi ipv6 from AS11280 accept AS-SNAPPY
import:         from AS11290 accept AS11290:AS-CUSTOMERS
mp-import:      afi ipv6 from AS11290 accept AS11290:AS-CUSTOMERS
import:         from AS11320 accept AS11320:AS-ALL
mp-import:      afi ipv6 from AS11320 accept AS11320:AS-ALL
import:         from AS11344 accept AS11344
mp-import:      afi ipv6 from AS11344 accept AS11344
import:         from AS11369 accept AS11369
mp-import:      afi ipv6 from AS11369 accept AS11369
import:         from AS11377 accept AS-SENDGRID
mp-import:      afi ipv6 from AS11377 accept AS-SENDGRID
import:         from AS11404 accept AS11404:AS-CONE
mp-import:      afi ipv6 from AS11404 accept AS11404:AS-CONE
import:         from AS11414 accept AS11414
mp-import:      afi ipv6 from AS11414 accept AS11414
import:         from AS11492 accept AS-CBL1-ALL-AS-NUMBERS
mp-import:      afi ipv6 from AS11492 accept AS-CBL1-ALL-AS-NUMBERS
import:         from AS11506 accept AS-ORACLE-OCI-OC19
mp-import:      afi ipv6 from AS11506 accept AS-ORACLE-OCI-OC19
import:         from AS11509 accept AS-TIERZERO
mp-import:      afi ipv6 from AS11509 accept AS-TIERZERO
import:         from AS11550 accept AS11550
mp-import:      afi ipv6 from AS11550 accept AS11550
import:         from AS11608 accept AS-ACCRETIVE
mp-import:      afi ipv6 from AS11608 accept AS-ACCRETIVE
import:         from AS11722 accept AS11722:AS-IX
mp-import:      afi ipv6 from AS11722 accept AS11722:AS-IX
import:         from AS11734 accept AS-CONNECTRIA-NA
mp-import:      afi ipv6 from AS11734 accept AS-CONNECTRIA-NA
import:         from AS11767 accept AS-QTS-11767
mp-import:      afi ipv6 from AS11767 accept AS-QTS-11767
import:         from AS11796 accept AS11796:AS-ALL
mp-import:      afi ipv6 from AS11796 accept AS11796:AS-ALL
import:         from AS11830 accept AS11830
mp-import:      afi ipv6 from AS11830 accept AS11830
import:         from AS11845 accept AS-VOXTELECOM
mp-import:      afi ipv6 from AS11845 accept AS-VOXTELECOM
import:         from AS11854 accept AS-PNAPTOR001
mp-import:      afi ipv6 from AS11854 accept AS-PNAPTOR001
import:         from AS11855 accept AS-PNAPPHX003
mp-import:      afi ipv6 from AS11855 accept AS-PNAPPHX003
import:         from AS11856 accept AS-XCONNECTEU
import:         from AS11878 accept AS-TZULO
mp-import:      afi ipv6 from AS11878 accept AS-TZULO
import:         from AS11889 accept AS-IVANET-GLOBAL
mp-import:      afi ipv6 from AS11889 accept AS-IVANET-GLOBAL
import:         from AS11915 accept AS11915
mp-import:      afi ipv6 from AS11915 accept AS11915
import:         from AS11943 accept AS11943
mp-import:      afi ipv6 from AS11943 accept AS11943
import:         from AS11961 accept AS11961
mp-import:      afi ipv6 from AS11961 accept AS11961
import:         from AS11990 accept AS-UNLIMITEDNET
mp-import:      afi ipv6 from AS11990 accept AS-UNLIMITEDNET
import:         from AS12025 accept AS12025:AS-CONE
mp-import:      afi ipv6 from AS12025 accept AS12025:AS-CONE
import:         from AS12028 accept AS12028:AS-GLOBAL
mp-import:      afi ipv6 from AS12028 accept AS12028:AS-GLOBAL
import:         from AS12033 accept AS-ADAMSTEL
mp-import:      afi ipv6 from AS12033 accept AS-ADAMSTEL
import:         from AS12041 accept AS12041:AS-AFILIAS
mp-import:      afi ipv6 from AS12041 accept AS12041:AS-AFILIAS
import:         from AS12083 accept AS-WOW
mp-import:      afi ipv6 from AS12083 accept AS-WOW
import:         from AS12129 accept AS-I123
mp-import:      afi ipv6 from AS12129 accept AS-I123
import:         from AS12179 accept AS-PNAPDALZ
mp-import:      afi ipv6 from AS12179 accept AS-PNAPDALZ
import:         from AS12179 accept AS-PNAPDALZ

```

mp-import: afi ipv4 from AS-ADAMSTEL
import: from AS12041:AS-AFILIAS
mp-import: afi ipv4 from AS12083 accept AS-WOW
import: from AS12129 accept AS-I123
mp-import: afi ipv6 from AS12129 accept AS-I123
import: from AS12179 accept AS-PNAPDALZ
mp-import: afi ipv6 from AS12179 accept AS-PNAPDALZ
import: from AS12180 accept AS-PNAPMIA
mp-import: afi ipv6 from AS12180 accept AS-PNAPMIA
import: from AS12182 accept AS-PNAPSJE
mp-import: afi ipv6 from AS12182 accept AS-PNAPSJE
import: from AS12186 accept AS-GVME
mp-import: afi ipv6 from AS12186 accept AS-GVME
import: from AS12189 accept AS-PHOENIXNAP
mp-import: afi ipv6 from AS12189 accept AS-PHOENIXNAP
import: from AS12200 accept AS-RACKSPACE
mp-import: afi ipv6 from AS12200 accept AS-RACKSPACE
import: from AS12211 accept AS12211
mp-import: afi ipv6 from AS12211 accept AS12211
import: from AS12229 accept AS12229
mp-import: afi ipv6 from AS12229 accept AS12229
import: from AS12243 accept AS-WADDELL
mp-import: afi ipv6 from AS12243 accept AS-WADDELL
import: from AS12252 accept AS-TMX-PERU-TRANSIT
mp-import: afi ipv6 from AS12252 accept AS-TMX-PERU-TRANSIT
import: from AS12276 accept AS-SFMIX-MGMT
mp-import: afi ipv6 from AS12276 accept AS-SFMIX-MGMT
import: from AS12293 accept AS-XVID
mp-import: afi ipv6 from AS12293 accept AS-XVID
import: from AS12301 accept AS12301:AS-ROUTES
mp-import: afi ipv6 from AS12301 accept AS12301:AS-ROUTES
import: from AS12306 accept AS-PLUSLINE
mp-import: afi ipv6 from AS12306 accept AS-PLUSLINE
import: from AS12312 accept AS-ECOTEL
mp-import: afi ipv6 from AS12312 accept AS-ECOTEL
import: from AS12322 accept AS-PROXAD
mp-import: afi ipv6 from AS12322 accept AS-PROXAD
import: from AS12329 accept AS-TMR
mp-import: afi ipv6 from AS12329 accept AS-TMR
import: from AS12337 accept AS-NORIS
mp-import: afi ipv6 from AS12337 accept AS-NORIS
import: from AS12350 accept AS-VTX
mp-import: afi ipv6 from AS12350 accept AS-VTX
import: from AS12360 accept AS12360:AS-KTK
mp-import: afi ipv6 from AS12360 accept AS12360:AS-KTK
import: from AS12362 accept AS-NETPLUSCOM
mp-import: afi ipv6 from AS12362 accept AS-NETPLUSCOM
import: from AS12374 accept AS12374
mp-import: afi ipv6 from AS12374 accept AS12374
import: from AS12389 accept AS-ROSTELECOM
mp-import: afi ipv6 from AS12389 accept AS-ROSTELECOM
import: from AS12392 accept AS-BRUTELE
mp-import: afi ipv6 from AS12392 accept AS-BRUTELE
import: from AS12414 accept AS-SOLCON
mp-import: afi ipv6 from AS12414 accept AS-SOLCON6
import: from AS12417 accept AS2417
mp-import: afi ipv6 from AS12417 accept AS2417
import: from AS12430 accept AS-VODAFONE-ES
mp-import: afi ipv6 from AS12430 accept AS-VODAFONE-ES
import: from AS12436 accept AS12436
mp-import: afi ipv6 from AS12436 accept AS12436
import: from AS12445 accept AS12445
mp-import: afi ipv6 from AS12445 accept AS12445
import: from AS12453 accept AS-KRAFTCOM
mp-import: afi ipv6 from AS12453 accept AS-KRAFTCOM
import: from AS12480 accept AS-ILK
mp-import: afi ipv6 from AS12480 accept AS-ILK
import: from AS12488 accept AS-KRYSTAL
mp-import: afi ipv6 from AS12488 accept AS-KRYSTAL
import: from AS12491 accept AS12491:AS-IPPLANET

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```
mp-import: afi ipv6 from AS12859:AS-BIT
import: from AS12859:AS-BIT
mp-import: afi ipv6 from AS-FASTWEB-V6
import: from AS12876 accept AS12876
mp-import: afi ipv6 from AS12876 accept AS12876
import: from AS12883 accept AS-UCOMLINE
mp-import: afi ipv6 from AS12883 accept AS-UCOMLINE
import: from AS12888 accept AS12888
mp-import: afi ipv6 from AS12888 accept AS12888
import: from AS12897 accept AS-HEAGMEDIANET
mp-import: afi ipv6 from AS12897 accept AS-HEAGMEDIANET
import: from AS12906 accept AS12906
mp-import: afi ipv6 from AS12906 accept AS12906
import: from AS12912 accept AS-TMPL
mp-import: afi ipv6 from AS12912 accept AS-TMPL
import: from AS12941 accept AS-INTERSAAR
mp-import: afi ipv6 from AS12941 accept AS-INTERSAAR
import: from AS12942 accept AS12942
mp-import: afi ipv6 from AS12942 accept AS12942
import: from AS12956 accept AS-TDATANET
mp-import: afi ipv6 from AS12956 accept AS-TDATANET
import: from AS12958 accept AS-T2RU-MR-MOSCOW
mp-import: afi ipv6 from AS12958 accept AS-T2RU-MR-MOSCOW
import: from AS12975 accept AS-PALTEL
mp-import: afi ipv6 from AS12975 accept AS-PALTEL
import: from AS12996 accept AS12996
mp-import: afi ipv6 from AS12996 accept AS12996
import: from AS13006 accept AS13006
mp-import: afi ipv6 from AS13006 accept AS13006
import: from AS13008 accept AS13008
mp-import: afi ipv6 from AS13008 accept AS13008
import: from AS13030 accept AS-INIT7
mp-import: afi ipv6 from AS13030 accept AS-INIT7
import: from AS13037 accept AS-ZEN
mp-import: afi ipv6 from AS13037 accept AS-ZEN
import: from AS13045 accept AS-HTP
mp-import: afi ipv6 from AS13045 accept AS-HTP
import: from AS13046 accept AS-ISKON
mp-import: afi ipv6 from AS13046 accept AS-ISKON
import: from AS13054 accept AS-FREINET
mp-import: afi ipv6 from AS13054 accept AS-FREINET
import: from AS13101 accept AS-TNG
mp-import: afi ipv6 from AS13101 accept AS-TNG
import: from AS13110 accept AS-ICPNET
mp-import: afi ipv6 from AS13110 accept AS-ICPNET
import: from AS13122 accept AS-MANX
mp-import: afi ipv6 from AS13122 accept AS-MANX
import: from AS13124 accept AS-IBGC
mp-import: afi ipv6 from AS13124 accept AS-IBGC
import: from AS13132 accept AS-CYBERWAYS
mp-import: afi ipv6 from AS13132 accept AS-CYBERWAYS
import: from AS13135 accept AS-CREW
mp-import: afi ipv6 from AS13135 accept AS-CREW
import: from AS13150 accept AS-CATONETWORKS
mp-import: afi ipv6 from AS13150 accept AS-CATONETWORKS
import: from AS13178 accept AS-DIGCOMM
mp-import: afi ipv6 from AS13178 accept AS-DIGCOMM
import: from AS13213 accept AS-UK2NET
mp-import: afi ipv6 from AS13213 accept AS-UK2NET
import: from AS13237 accept AS-EUNETWORKS
mp-import: afi ipv6 from AS13237 accept AS-EUNETWORKS
import: from AS13238 accept AS-YANDEX
mp-import: afi ipv6 from AS13238 accept AS-YANDEX
import: from AS13247 accept AS-ERDENREICH
mp-import: afi ipv6 from AS13247 accept AS-ERDENREICH
import: from AS13250 accept AS13250
mp-import: afi ipv6 from AS13250 accept AS13250
import: from AS13280 accept AS-H3GIE
mp-import: afi ipv6 from AS13280 accept AS-H3GIE
import: from AS13287 accept AS-NIXVAL-TRANSIT
mp-import: afi ipv6 from AS13287 accept AS-NIXVAL-TRANSIT
import: from AS13293 accept AS13293:AS-PCWS
```


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AS-NETPROTECT-PHX

```
import: from
mp-import: afi ipv6 from AS14010 accept AS14010
import: from
mp-import: afi ipv6 from AS14010 accept AS14010
import: from AS14012 accept AS14012
mp-import: afi ipv6 from AS14012 accept AS14012
import: from AS14016 accept AS14016
mp-import: afi ipv6 from AS14016 accept AS14016
import: from AS14031 accept AS14031
mp-import: afi ipv6 from AS14031 accept AS14031
import: from AS14041 accept AS-FRGP
mp-import: afi ipv6 from AS14041 accept AS-FRGP
import: from AS14051 accept AS-CCI-CA-CUST
import: from AS14061 accept AS-14061
mp-import: afi ipv6 from AS14061 accept AS-14061
import: from AS14080 accept AS14080:AS-CLARO
mp-import: afi ipv6 from AS14080 accept AS14080:AS-CLARO
import: from AS14103 accept AS14103:AS-ALL
mp-import: afi ipv6 from AS14103 accept AS14103:AS-ALL
import: from AS14153 accept AS14153
mp-import: afi ipv6 from AS14153 accept AS14153
import: from AS14163 accept AS14163
mp-import: afi ipv6 from AS14163 accept AS14163
import: from AS14178 accept AS14178:AS-MCM-TELECOM
mp-import: afi ipv6 from AS14178 accept AS14178:AS-MCM-TELECOM
import: from AS14210 accept AS14210
mp-import: afi ipv6 from AS14210 accept AS14210
import: from AS14224 accept AS-US-TAMPNET
mp-import: afi ipv6 from AS14224 accept AS-US-TAMPNET
import: from AS14244 accept AS-NSI-DC
mp-import: afi ipv6 from AS14244 accept AS-NSI-DC
import: from AS14265 accept AS-TELEPACIFIC
mp-import: afi ipv6 from AS14265 accept AS-TELEPACIFIC
import: from AS14333 accept AS14333:AS-CUSTOMERS
import: from AS14343 accept AS14343
mp-import: afi ipv6 from AS14343 accept AS14343
import: from AS14363 accept AS-MTCCOMM
mp-import: afi ipv6 from AS14363 accept AS-MTCCOMM
import: from AS14378 accept AS-XVL-V4
mp-import: afi ipv6 from AS14378 accept AS-XVL-V6
import: from AS14380 accept AS-OPUS
mp-import: afi ipv6 from AS14380 accept AS-OPUS
import: from AS14401 accept AS14401:AS-SOLIDNETWORK
mp-import: afi ipv6 from AS14401 accept AS14401:AS-SOLIDNETWORK
import: from AS14413 accept AS-LINKEDIN-TRANSIT
mp-import: afi ipv6 from AS14413 accept AS-LINKEDIN-TRANSIT
import: from AS14453 accept AS-CENTRILOGIC-CA
mp-import: afi ipv6 from AS14453 accept AS-CENTRILOGIC-CA
import: from AS14469 accept AS14469
mp-import: afi ipv6 from AS14469 accept AS14469
import: from AS14522 accept AS14522:AS-SATNET
mp-import: afi ipv6 from AS14522 accept AS14522:AS-SATNET
import: from AS14525 accept AS-STELLARAF
mp-import: afi ipv6 from AS14525 accept AS-STELLARAF
import: from AS14537 accept AS-CONTINENT8
mp-import: afi ipv6 from AS14537 accept AS-CONTINENT8
import: from AS14570 accept AS-IABAL
mp-import: afi ipv6 from AS14570 accept AS-IABAL
import: from AS14576 accept AS14576
mp-import: afi ipv6 from AS14576 accept AS14576
import: from AS14586 accept AS-NFO-CHI
mp-import: afi ipv6 from AS14586 accept AS-NFO-CHI
import: from AS14593 accept AS14593:AS-SX-STARLINK
mp-import: afi ipv6 from AS14593 accept AS14593:AS-SX-STARLINK
import: from AS14616 accept AS-IVANET-GLOBAL
mp-import: afi ipv6 from AS14616 accept AS-IVANET-GLOBAL
import: from AS14630 accept AS-IVZ
mp-import: afi ipv6 from AS14630 accept AS-IVZ
import: from AS14689 accept AS14689
mp-import: afi ipv6 from AS14689 accept AS14689
import: from AS14701 accept AS14701
mp-import: afi ipv6 from AS14701 accept AS14701
import: from AS14717 accept AS-ECINEI
```

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```
import: from AS22468
mp-import: afi ipv6 from AS22468 accept AS22468
import: from AS22468 accept AS22468
mp-import: afi ipv6 from AS22497 accept AS-LWL-LV-V6
import: from AS22541 accept AS22541:AS-ALL
mp-import: afi ipv6 from AS22541 accept AS22541:AS-ALL
import: from AS22604 accept AS-DSS-ALL
mp-import: afi ipv6 from AS22604 accept AS-DSS-ALL
import: from AS22616 accept AS-ZSCALER-AMER
mp-import: afi ipv6 from AS22616 accept AS-ZSCALER-AMER
import: from AS22648 accept AS22648
import: from AS22652 accept AS22652:AS-CUSTOMERS
mp-import: afi ipv6 from AS22652 accept AS22652:AS-CUSTOMERS
import: from AS22687 accept AS22687
mp-import: afi ipv6 from AS22687 accept AS22687
import: from AS22697 accept AS-ROBLOX
mp-import: afi ipv6 from AS22697 accept AS-ROBLOX
import: from AS22773 accept AS22773:AS-CONE
mp-import: afi ipv6 from AS22773 accept AS22773:AS-CONE
import: from AS22822 accept AS-LLNW
mp-import: afi ipv6 from AS22822 accept AS-LLNW
import: from AS22843 accept AS22843
mp-import: afi ipv6 from AS22843 accept AS22843
import: from AS22918 accept AS22918
mp-import: afi ipv6 from AS22918 accept AS22918
import: from AS22987 accept AS22987:AS-ALL
mp-import: afi ipv6 from AS22987 accept AS22987:AS-ALL
import: from AS23005 accept AS-AS23005
mp-import: afi ipv6 from AS23005 accept AS-AS23005
import: from AS23050 accept AS23050
mp-import: afi ipv6 from AS23050 accept AS23050
import: from AS23154 accept AS23154
import: from AS23316 accept AS23316:AS-ALL
mp-import: afi ipv6 from AS23316 accept AS23316:AS-ALL
import: from AS23342 accept AS-UNITEDLAYER
mp-import: afi ipv6 from AS23342 accept AS-UNITEDLAYER
import: from AS23344 accept AS-DSS-ALL
mp-import: afi ipv6 from AS23344 accept AS-DSS-ALL
import: from AS23367 accept AS-ADAPTIVEDATA
mp-import: afi ipv6 from AS23367 accept AS-ADAPTIVEDATA
import: from AS23379 accept AS-23379-AS-CUSTOMERS
mp-import: afi ipv6 from AS23379 accept AS-23379-AS-CUSTOMERS
import: from AS23393 accept AS-ISPRIME
mp-import: afi ipv6 from AS23393 accept AS-ISPRIME
import: from AS23404 accept AS-RITTER
mp-import: afi ipv6 from AS23404 accept AS-RITTER
import: from AS23473 accept AS-PAVLOV
mp-import: afi ipv6 from AS23473 accept AS-PAVLOV
import: from AS23481 accept AS23481
mp-import: afi ipv6 from AS23481 accept AS23481
import: from AS23486 accept AS-FOREMOST
mp-import: afi ipv6 from AS23486 accept AS-FOREMOST
import: from AS23487 accept AS23487:AS-CLIENTES
mp-import: afi ipv6 from AS23487 accept AS23487:AS-CLIENTES
import: from AS23520 accept AS-NWN-TRANSIT
mp-import: afi ipv6 from AS23520 accept AS-NWN-TRANSIT
import: from AS23550 accept AS23550
mp-import: afi ipv6 from AS23550 accept AS23550
import: from AS23576 accept AS-NBP
mp-import: afi ipv6 from AS23576 accept AS-NBP
import: from AS23764 accept AS-CTGNET
mp-import: afi ipv6 from AS23764 accept AS-CTGNET
import: from AS23930 accept AS23930:AS-IPVG
mp-import: afi ipv6 from AS23930 accept AS23930:AS-IPVG
import: from AS23944 accept AS-SKYCABLE
mp-import: afi ipv6 from AS23944 accept AS-SKYCABLE
import: from AS24088 accept AS-HANOITELECOM
mp-import: afi ipv6 from AS24088 accept AS-HANOITELECOM
import: from AS24173 accept AS-TRANSIT-NETNAM
mp-import: afi ipv6 from AS24173 accept AS-TRANSIT-NETNAM
import: from AS24176 accept AS-TRANSIT-NETNAM
mp-import: afi ipv6 from AS24176 accept AS-TRANSIT-NETNAM
```




import: from AS24971:AS-MASTERCZ
mp-import: afi ipv6 from AS25022 accept AS25022
import: from AS25068 accept AS-KONICAMINOLTA
mp-import: afi ipv6 from AS25068 accept AS-KONICAMINOLTA
import: from AS25091 accept AS-IP-MAX
mp-import: afi ipv6 from AS25091 accept AS-IP-MAX
import: from AS25098 accept AS-NETCALIBRE
mp-import: afi ipv6 from AS25098 accept AS-NETCALIBRE
import: from AS25122 accept AS-SET-GSAT
mp-import: afi ipv6 from AS25122 accept AS-SET-GSAT
import: from AS25144 accept AS-TELEKOM-SRPSKE
mp-import: afi ipv6 from AS25144 accept AS-TELEKOM-SRPSKE
import: from AS25148 accept AS-BASEFARM
mp-import: afi ipv6 from AS25148 accept AS-BASEFARM
import: from AS25151 accept AS-CYSO
mp-import: afi ipv6 from AS25151 accept AS-CYSO
import: from AS25160 accept AS-VORBOSS
mp-import: afi ipv6 from AS25160 accept AS-VORBOSS
import: from AS25180 accept AS-EXPONENTIAL-E
mp-import: afi ipv6 from AS25180 accept AS-EXPONENTIAL-E
import: from AS25189 accept AS-COUNTRY
mp-import: afi ipv6 from AS25189 accept AS-COUNTRY
import: from AS25192 accept AS-CZNIC-TRANSIT
mp-import: afi ipv6 from AS25192 accept AS-CZNIC-TRANSIT
import: from AS25198 accept AS-INTERKVM
mp-import: afi ipv6 from AS25198 accept AS-INTERKVM
import: from AS25220 accept AS-GLOBALNOC
mp-import: afi ipv6 from AS25220 accept AS-GLOBALNOC
import: from AS25227 accept AS-AVANTEL-MSK
mp-import: afi ipv6 from AS25227 accept AS-AVANTEL-MSK
import: from AS25248 accept AS-CRA
mp-import: afi ipv6 from AS25248 accept AS-CRA
import: from AS25260 accept AS-QUALITYHOSTING
mp-import: afi ipv6 from AS25260 accept AS-QUALITYHOSTING
import: from AS25273 accept AS25273
mp-import: afi ipv6 from AS25273 accept AS25273
import: from AS25292 accept AS25292
mp-import: afi ipv6 from AS25369 accept AS-BANDWIDTH
import: from AS25374 accept AS25374
mp-import: afi ipv6 from AS25374 accept AS25374
import: from AS25384 accept AS-DMDATADK
mp-import: afi ipv6 from AS25384 accept AS-DMDATADK
import: from AS25400 accept AS-TELIANORWAY
mp-import: afi ipv6 from AS25400 accept AS-TELIANORWAY
import: from AS25408 accept AS-WESTCALLSPB
mp-import: afi ipv6 from AS25408 accept AS-WESTCALLSPB
import: from AS25415 accept AS-ADDIX
mp-import: afi ipv6 from AS25415 accept AS-ADDIX
import: from AS25424 accept AS-INEXT
mp-import: afi ipv6 from AS25424 accept AS-INEXT
import: from AS25432 accept AS25432
mp-import: afi ipv6 from AS25432 accept AS25432
import: from AS25460 accept AS-TNP
mp-import: afi ipv6 from AS25460 accept AS-TNP
import: from AS25466 accept AS-LIDEROCARRIER
mp-import: afi ipv6 from AS25466 accept AS-LIDEROCARRIER
import: from AS25478 accept AS-IHOME
mp-import: afi ipv6 from AS25478 accept AS-IHOME
import: from AS25511 accept AS-NET21
mp-import: afi ipv6 from AS25511 accept AS-NET21
import: from AS25512 accept AS-CDT-NETWORKS
mp-import: afi ipv6 from AS25512 accept AS-CDT-NETWORKS
import: from AS25540 accept AS-ALPHALINK
mp-import: afi ipv6 from AS25540 accept AS-ALPHALINK
import: from AS25545 accept AS25545
mp-import: afi ipv6 from AS25545 accept AS25545
import: from AS25575 accept AS-DOMAINTECHNIK
mp-import: afi ipv6 from AS25575 accept AS-DOMAINTECHNIK



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```
afi import: from AS25545 accept AS-ALPHALINK
import: from AS25545 accept AS25545
mp-import: from AS25549 accept AS-AVANTEL
import: from AS25575 accept AS-DOMAINTECHNIK
mp-import: from AS25575 accept AS-DOMAINTECHNIK
import: from AS25615 accept AS25615:AS-NETWORKS
mp-import: from AS25615 accept AS25615:AS-NETWORKS
import: from AS25687 accept AS25687
mp-import: from AS25687 accept AS25687
import: from AS25697 accept AS-UPCLOUD
mp-import: from AS25697 accept AS-UPCLOUD
import: from AS25715 accept AS25715
mp-import: from AS25715 accept AS25715
import: from AS25759 accept AS-F4
mp-import: from AS25759 accept AS-F4
import: from AS25773 accept AS25773
mp-import: from AS25773 accept AS25773
import: from AS25818 accept AS-CMCNETWORKS
mp-import: from AS25818 accept AS-CMCNETWORKS
import: from AS25820 accept AS-SET-IT7
mp-import: from AS25820 accept AS-SET-IT7
import: from AS25875 accept AS-FFN
mp-import: from AS25875 accept AS-FFN
import: from AS25899 accept AS-LSNET
mp-import: from AS25899 accept AS-LSNET
import: from AS25956 accept AS-LOGIXFIBER
mp-import: from AS25956 accept AS-LOGIXFIBER
import: from AS25975 accept AS-GREATACCESS
mp-import: from AS25975 accept AS-GREATACCESS
import: from AS26073 accept AS-COFRACTAL
mp-import: from AS26073 accept AS-COFRACTAL
import: from AS26079 accept AS26079
mp-import: from AS26079 accept AS26079
import: from AS26114 accept AS26114
mp-import: from AS26114 accept AS26114
import: from AS26120 accept AS26120
mp-import: from AS26120 accept AS26120
import: from AS26211 accept AS-PROOFPOINT
mp-import: from AS26211 accept AS-PROOFPOINT
import: from AS26272 accept AS-AMDS-COSMOS
mp-import: from AS26272 accept AS-AMDS-COSMOS
import: from AS26278 accept AS26278
import: from AS26337 accept AS-EIGI
mp-import: from AS26337 accept AS-EIGI
import: from AS26348 accept AS26348
mp-import: from AS26348 accept AS26348
import: from AS26356 accept AS-CRUSOE-ENERGY
mp-import: from AS26356 accept AS-CRUSOE-ENERGY
import: from AS26375 accept AS26375
mp-import: from AS26375 accept AS26375
import: from AS26459 accept AS-THETRADEDESK
mp-import: from AS26459 accept AS-THETRADEDESK
import: from AS26464 accept AS-JOYENT
mp-import: from AS26464 accept AS-JOYENT
import: from AS26476 accept AS26476
mp-import: from AS26476 accept AS26476
import: from AS26496 accept AS-GDG
import: from AS26496 accept AS26496
mp-import: from AS26496 accept AS-GDG
afi ipv6 import: from AS26496 accept AS26496
import: from AS26512 accept AS26512
mp-import: from AS26512 accept AS26512
import: from AS26558 accept AS26558
mp-import: from AS26558 accept AS26558
import: from AS26613 accept AS26613:AS-CNTEPTRANSIT
mp-import: from AS26613 accept AS26613:AS-CNTEPTRANSIT
import: from AS26652 accept AS26652:AS-ALL
mp-import: from AS26652 accept AS26652:AS-ALL
import: from AS26667 accept AS-RUBICONPROJECT
mp-import: from AS26667 accept AS-RUBICONPROJECT
afi ipv6 import: from AS26675 accept AS26675
```



import: from AS28329
mp-import: afi ipv6 from AS28329 accept AS28329
import: from AS28376 accept AS28376
mp-import: afi ipv6 from AS28376 accept AS28376
import: from AS28394 accept AS28394
mp-import: afi ipv6 from AS28394 accept AS28394
import: from AS28396 accept AS28396
mp-import: afi ipv6 from AS28396 accept AS28396
import: from AS28398 accept AS-GBIC
mp-import: afi ipv6 from AS28398 accept AS-GBIC
import: from AS28408 accept AS28408
mp-import: afi ipv6 from AS28408 accept AS28408
import: from AS28409 accept AS28409
mp-import: afi ipv6 from AS28409 accept AS28409
import: from AS28458 accept AS-IENTC-MX
mp-import: afi ipv6 from AS28458 accept AS-IENTC-MX
import: from AS28469 accept AS28469
mp-import: afi ipv6 from AS28469 accept AS28469
import: from AS28509 accept AS28509
mp-import: afi ipv6 from AS28509 accept AS28509
import: from AS28554 accept AS28554
mp-import: afi ipv6 from AS28554 accept AS28554
import: from AS28555 accept AS28555
mp-import: afi ipv6 from AS28555 accept AS28555
import: from AS28604 accept AS28604
mp-import: afi ipv6 from AS28604 accept AS28604
import: from AS28716 accept AS-RETELIT
mp-import: afi ipv6 from AS28716 accept AS-RETELIT
import: from AS28725 accept AS-CETIN
mp-import: afi ipv6 from AS28725 accept AS-CETIN
import: from AS28753 accept AS-LEASEWEB-DE
mp-import: afi ipv6 from AS28753 accept AS-LEASEWEB-DE
import: from AS28762 accept AS28762
mp-import: afi ipv6 from AS28762 accept AS28762
import: from AS28788 accept AS-UNILOGICNET
mp-import: afi ipv6 from AS28788 accept AS-UNILOGICNET
import: from AS28792 accept AS-PUBLICINET
mp-import: afi ipv6 from AS28792 accept AS-PUBLICINET
import: from AS28824 accept AS28824:AS-HATTELAND
mp-import: afi ipv6 from AS28824 accept AS28824:AS-HATTELAND
import: from AS28852 accept AS28852
mp-import: afi ipv6 from AS28852 accept AS28852
import: from AS28889 accept AS-LINZNET
mp-import: afi ipv6 from AS28889 accept AS-LINZNET
import: from AS28890 accept AS-INSYS-EKB
mp-import: afi ipv6 from AS28890 accept AS-INSYS-EKB
import: from AS28910 accept AS-INTAL
mp-import: afi ipv6 from AS28910 accept AS-INTAL
import: from AS28931 accept AS28931
mp-import: afi ipv6 from AS28931 accept AS28931
import: from AS28968 accept AS-EUT
mp-import: afi ipv6 from AS28968 accept AS-EUT
import: from AS29014 accept AS-SCALEUP
mp-import: afi ipv6 from AS29014 accept AS-SCALEUP
import: from AS29043 accept AS29043
mp-import: afi ipv6 from AS29043 accept AS29043
import: from AS29049 accept AS-AZERSATMEMBERS
mp-import: afi ipv6 from AS29049 accept AS-AZERSATMEMBERS
import: from AS29066 accept AS-VELIANET
mp-import: afi ipv6 from AS29066 accept AS-VELIANET-V6
import: from AS29075 accept AS29075:AS-IELO
mp-import: afi ipv6 from AS29075 accept AS29075:AS-IELO
import: from AS29076 accept AS-CITYTELECOM-UPSTREAMS
mp-import: afi ipv6 from AS29076 accept AS-CLOUD-IX-LOCAL
import: from AS29086 accept AS-GITY
mp-import: afi ipv6 from AS29086 accept AS-GITY
import: from AS29107 accept AS-SYNAPSE
mp-import: afi ipv6 from AS29107 accept AS-SYNAPSE
import: from AS29119 accept AS-SERVIHOSTING



```
mp-import: afi ipv6 from AS-ALLEGROGROUP
import: from AS-ALLEGROGROUP
mp-import: afi ipv6 from AS-KNSURSELVA
import: from AS-KNSURSELVA
import: afi ipv6 from AS-SOTACONNECT
mp-import: afi ipv6 from AS31742 accept AS-SOTACONNECT
import: from AS31863 accept AS-DACENTEC
mp-import: afi ipv6 from AS31863 accept AS-DACENTEC
import: from AS31875 accept AS-JCREMC-31875
mp-import: afi ipv6 from AS31875 accept AS-JCREMC-31875
import: from AS31877 accept AS31877:AS-CUSTOMERS
mp-import: afi ipv6 from AS31877 accept AS31877:AS-CUSTOMERS
import: from AS31898 accept AS-ORACLE-OCI-OC1
mp-import: afi ipv6 from AS31898 accept AS-ORACLE-OCI-OC1
import: from AS31915 accept AS31915
mp-import: afi ipv6 from AS31915 accept AS31915
import: from AS31936 accept AS31936
mp-import: afi ipv6 from AS31936 accept AS31936
import: from AS32045 accept AS-DYNASCALE
mp-import: afi ipv6 from AS32045 accept AS-DYNASCALE
import: from AS32097 accept AS-WHOLESALE-INTERNET
mp-import: afi ipv6 from AS32097 accept AS-WHOLESALE-INTERNET
import: from AS32133 accept AS-TING
mp-import: afi ipv6 from AS32133 accept AS-TING
import: from AS32133 accept AS32133:AS-CUSTOMERS
mp-import: afi ipv6 from AS32133 accept AS32133:AS-CUSTOMERS
import: from AS32161 accept AS32161
mp-import: afi ipv6 from AS32212 accept AS-SKYFIBER
import: from AS32212 accept AS-SKYFIBER
mp-import: afi ipv6 from AS32217 accept AS-GPIEX
import: from AS32217 accept AS-GPIEX
mp-import: afi ipv6 from AS32264 accept AS-GPIEX
import: from AS32264 accept AS32264
mp-import: afi ipv6 from AS32264 accept AS32264
import: from AS32270 accept AS32270:AS-CONE
mp-import: afi ipv6 from AS32270 accept AS32270:AS-CONE
import: from AS32334 accept AS-CLOUDCALL
mp-import: afi ipv6 from AS32334 accept AS-CLOUDCALL
import: from AS32374 accept AS-NF0-LAX
mp-import: afi ipv6 from AS32374 accept AS-NF0-LAX
import: from AS32425 accept AS-PXF-TRANSIT-CUST
mp-import: afi ipv6 from AS32425 accept AS-PXF-TRANSIT-CUST
import: from AS32478 accept AS-ITVOCAL
mp-import: afi ipv6 from AS32478 accept AS-ITVOCAL
import: from AS32504 accept AS32504
mp-import: afi ipv6 from AS32504 accept AS32504
import: from AS32546 accept AS32546
mp-import: afi ipv6 from AS32546 accept AS32546
import: from AS32575 accept AS32575
mp-import: afi ipv6 from AS32575 accept AS32575
import: from AS32590 accept AS-VALVE
mp-import: afi ipv6 from AS32590 accept AS-VALVE
import: from AS32708 accept AS-ROOTNETWORKS
mp-import: afi ipv6 from AS32708 accept AS-ROOTNETWORKS
import: from AS32723 accept AS32723
mp-import: afi ipv6 from AS32723 accept AS32723
import: from AS32748 accept AS-STEADFAST
mp-import: afi ipv6 from AS32748 accept AS-STEADFAST
import: from AS32787 accept AS-PROLE
mp-import: afi ipv6 from AS32787 accept AS-PROLE
import: from AS32798 accept AS-HIGHLINE
mp-import: afi ipv6 from AS32798 accept AS-HIGHLINE
import: from AS32808 accept AS-UTBB
mp-import: afi ipv6 from AS32808 accept AS-UTBB
import: from AS32851 accept AS32851
mp-import: afi ipv6 from AS32851 accept AS32851
import: from AS32913 accept AS-ACTUAL-BROADBAND
mp-import: afi ipv6 from AS32913 accept AS-ACTUAL-BROADBAND
import: from AS32934 accept AS-FACEBOOK
mp-import: afi ipv6 from AS32934 accept AS-FACEBOOK
import: from AS33071 accept AS33071:AS-SET
mp-import: afi ipv6 from AS33071 accept AS33071:AS-SET
import: from AS33082 accept AS33082:AS-SET
mp-import: afi ipv6 from AS33082 accept AS33082:AS-SET
```



mp-import: afi import from AS33459
import: from AS33459 accept AS33459
mp-import: afi import from AS33478
import: from AS33522 accept AS33522
mp-import: afi ipv6 from AS33522 accept AS33522
import: from AS33548 accept AS-UBI
mp-import: afi ipv6 from AS33548 accept AS-UBI
import: from AS33549 accept AS33549:AS-ALL
mp-import: afi ipv6 from AS33549 accept AS33549:AS-ALL
import: from AS33554 accept AS-NDCC-CUSTOMERS
mp-import: afi ipv6 from AS33554 accept AS-NDCC-CUSTOMERS
import: from AS33635 accept AS33635
mp-import: afi ipv6 from AS33635 accept AS33635
import: from AS33692 accept AS33692:AS-CONE
mp-import: afi ipv6 from AS33692 accept AS33692:AS-CONE
import: from AS33717 accept AS33717
mp-import: afi ipv6 from AS33717 accept AS33717
import: from AS33749 accept AS33749
mp-import: afi ipv6 from AS33749 accept AS33749
import: from AS33788 accept AS-CANAR-TRANSIT
mp-import: afi ipv6 from AS33788 accept AS-CANAR-TRANSIT
import: from AS33796 accept AS-BNAA-NET
mp-import: afi ipv6 from AS33796 accept AS-BNAA-NET
import: from AS33828 accept AS-IPTOX
mp-import: afi ipv6 from AS33828 accept AS-IPTOX
import: from AS33843 accept AS-INTERSCHOLZ
mp-import: afi ipv6 from AS33843 accept AS-INTERSCHOLZ
import: from AS33849 accept AS33849
mp-import: afi ipv6 from AS33849 accept AS33849
import: from AS33891 accept AS-CORE-BACKBONE
mp-import: afi ipv6 from AS33891 accept AS-CORE-BACKBONE
import: from AS33930 accept AS-INTRINSEC
mp-import: afi ipv6 from AS33930 accept AS-INTRINSEC
import: from AS33932 accept AS-33932-TRANSIT
mp-import: afi ipv6 from AS33932 accept AS-33932-TRANSIT
import: from AS33951 accept AS-FORWEB
mp-import: afi ipv6 from AS33951 accept AS-FORWEB
import: from AS33962 accept AS-DATAHOUSE
mp-import: afi ipv6 from AS33962 accept AS-DATAHOUSE
import: from AS33965 accept AS-LITECOM
mp-import: afi ipv6 from AS33965 accept AS-LITECOM
import: from AS33983 accept AS-33983
mp-import: afi ipv6 from AS33983 accept AS-33983
import: from AS33986 accept AS-REDDER
mp-import: afi ipv6 from AS33986 accept AS-REDDER
import: from AS34087 accept AS-NTE
mp-import: afi ipv6 from AS34087 accept AS-NTE
import: from AS34113 accept AS34113
mp-import: afi ipv6 from AS34113 accept AS34113
import: from AS34133 accept AS34133
mp-import: afi ipv6 from AS34133 accept AS34133
import: from AS34141 accept AS-IN2IP
mp-import: afi ipv6 from AS34141 accept AS-IN2IP
import: from AS34164 accept AS-AKAMAI
mp-import: afi ipv6 from AS34164 accept AS-AKAMAI
import: from AS34170 accept AS34170:AS-CUSTOMERS
mp-import: afi ipv6 from AS34170 accept AS34170:AS-CUSTOMERS
import: from AS34225 accept AS-SPEEDPARTNER
mp-import: afi ipv6 from AS34225 accept AS-SPEEDPARTNER
import: from AS34244 accept AS-TELESERVICE
mp-import: afi ipv6 from AS34244 accept AS-TELESERVICE
import: from AS34254 accept AS34254:AS-HORNET
mp-import: afi ipv6 from AS34254 accept AS34254:AS-HORNET
import: from AS34276 accept AS34276
mp-import: afi ipv6 from AS34276 accept AS34276
import: from AS34279 accept AS-TELETRANS
mp-import: afi ipv6 from AS34279 accept AS-TELETRANS
import: from AS34288 accept AS34288:AS-TRANSIT:AS-TELIA
mp-import: afi ipv6 from AS34288 accept AS34288:AS-TRANSIT:AS-TELIA
import: from AS34300 accept AS-34300-TRANSIT:AS-TELIA
mp-import: afi ipv6 from AS34300 accept AS-34300-TRANSIT:AS-TELIA
import: from AS34305 accept AS-34305-TRANSIT:AS-TELIA
mp-import: afi ipv6 from AS34300 accept AS-RU-SPACENET
import: from AS34305 accept AS-BASEIP

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```
import: from AS34541 accept AS-MEER
import: from AS34541 accept AS-MEER
mp-import: afi ipv6 from AS34541 accept AS-MEER
import: from AS34550 accept AS-INTERCON
mp-import: afi ipv6 from AS34550 accept AS-INTERCON
import: from AS34564 accept AS34564
mp-import: afi ipv6 from AS34564 accept AS34564
import: from AS34594 accept AS-OPTIMA
mp-import: afi ipv6 from AS34594 accept AS-OPTIMA
import: from AS34599 accept AS34599
mp-import: afi ipv6 from AS34599 accept AS34599
import: from AS34602 accept AS34602
mp-import: afi ipv6 from AS34602 accept AS34602
import: from AS34628 accept AS-NTTCOMSEC
mp-import: afi ipv6 from AS34628 accept AS-NTTCOMSEC
import: from AS34655 accept AS-DDITS
mp-import: afi ipv6 from AS34655 accept AS-DDITS
import: from AS34702 accept AS34702:AS-ALL
mp-import: afi ipv6 from AS34702 accept AS34702:AS-ALL
import: from AS34727 accept AS34727
mp-import: afi ipv6 from AS34727 accept AS34727
import: from AS34756 accept AS-NEP
mp-import: afi ipv6 from AS34756 accept AS-NEP
import: from AS34768 accept AS34768
mp-import: afi ipv6 from AS34768 accept AS34768
import: from AS34772 accept AS-NEOTEL-SET
mp-import: afi ipv6 from AS34772 accept AS-NEOTEL-SET
import: from AS34779 accept AS-T2-CUST
mp-import: afi ipv6 from AS34779 accept AS-T2-CUST
import: from AS34788 accept AS-NMM
mp-import: afi ipv6 from AS34788 accept AS-NMM
import: from AS34790 accept AS34790:AS-CUSTOMER
mp-import: afi ipv6 from AS34790 accept AS34790:AS-CUSTOMER
import: from AS34803 accept AS-BGL
mp-import: afi ipv6 from AS34803 accept AS-BGL
import: from AS34809 accept AS34809
mp-import: afi ipv6 from AS34809 accept AS34809
import: from AS34820 accept AS-DOL
mp-import: afi ipv6 from AS34820 accept AS-DOL
import: from AS34843 accept AS34843
mp-import: afi ipv6 from AS34843 accept AS34843
import: from AS34844 accept AS-PL-ELART
mp-import: afi ipv6 from AS34844 accept AS-PL-ELART
import: from AS34853 accept AS34853
mp-import: afi ipv6 from AS34853 accept AS34853
import: from AS34854 accept AS-MERKEL
mp-import: afi ipv6 from AS34854 accept AS-MERKEL
import: from AS34907 accept AS-IP-SERVICES
mp-import: afi ipv6 from AS34907 accept AS-IP-SERVICES
import: from AS34927 accept AS-IFOG
mp-import: afi ipv6 from AS34927 accept AS-IFOG
import: from AS34941 accept AS-CYGRIDS
mp-import: afi ipv6 from AS34941 accept AS-CYGRIDS
import: from AS34953 accept AS-RELAIX
mp-import: afi ipv6 from AS34953 accept AS-RELAIX
import: from AS34967 accept AS34967
mp-import: afi ipv6 from AS34967 accept AS34967
import: from AS34984 accept AS34984
import: from AS35000 accept AS-PROMETHEY
mp-import: afi ipv6 from AS35000 accept AS-PROMETHEY-V6
import: from AS35028 accept AS-MULTIPLAY
mp-import: afi ipv6 from AS35028 accept AS-MULTIPLAY
import: from AS35030 accept AS35030
import: from AS35032 accept AS-TAHION
mp-import: afi ipv6 from AS35032 accept AS-TAHION
import: from AS35041 accept AS35041:AS-CUSTOMERS
mp-import: afi ipv6 from AS35041 accept AS35041:AS-CUSTOMERS
import: from AS35047 accept AS-ABISSNET-CUST
mp-import: afi ipv6 from AS35047 accept AS-ABISSNET-CUST
import: from AS35062 accept AS-TEAMNET-VT
mp-import: afi ipv6 from AS35062 accept AS-TEAMNET-VT
import: from AS35070 accept AS-DIGITALVIRGO
import: from AS35112 accept AS35112
```



```
mp-import: afi ipv6 from AS-IRIX
import: from AS-IRIX accept AS-IRIX
mp-import: afi ipv6 from AS-INTERNET-CAFE
import: from AS-INTERNET-CAFE accept AS-INTERNET-CAFE
import: from AS35793 accept AS35793
mp-import: afi ipv6 from AS35793 accept AS35793
import: from AS35802 accept AS35802
mp-import: afi ipv6 from AS35802 accept AS35802
import: from AS35805 accept AS-SET-UTG
mp-import: afi ipv6 from AS35805 accept AS-SET-SILKNET-IPV6
import: from AS35810 accept AS-BIGTELECOM
mp-import: afi ipv6 from AS35810 accept AS-BIGTELECOM-IPV6
import: from AS35834 accept AS-CCP
import: from AS35847 accept AS-ICTX
mp-import: afi ipv6 from AS35847 accept AS-ICTX
import: from AS35865 accept AS35865
mp-import: afi ipv6 from AS35865 accept AS35865
import: from AS35906 accept AS35906
mp-import: afi ipv6 from AS35906 accept AS35906
import: from AS35908 accept AS-VPLS
mp-import: afi ipv6 from AS35908 accept AS-VPLS
import: from AS35994 accept AS-AKAMAI
mp-import: afi ipv6 from AS35994 accept AS-AKAMAI
import: from AS36069 accept AS36069
mp-import: afi ipv6 from AS36069 accept AS36069
import: from AS36086 accept AS-TELX
mp-import: afi ipv6 from AS36086 accept AS-TELX
import: from AS36103 accept AS36103:AS-CUSTOMERS
mp-import: afi ipv6 from AS36103 accept AS36103:AS-CUSTOMERS
import: from AS36137 accept AS-PEGTECHCUSTOMERS
mp-import: afi ipv6 from AS36137 accept AS-PEGTECHCUSTOMERS
import: from AS36149 accept AS-HAWAIIANTEL
mp-import: afi ipv6 from AS36149 accept AS-HAWAIIANTEL
import: from AS36165 accept AS36165:AS-CONE
mp-import: afi ipv6 from AS36165 accept AS36165:AS-CONE
import: from AS36182 accept AS-ACCRETIVE
mp-import: afi ipv6 from AS36182 accept AS-ACCRETIVE
import: from AS36218 accept AS36218
mp-import: afi ipv6 from AS36218 accept AS36218
import: from AS36236 accept AS-NETACTUATE
mp-import: afi ipv6 from AS36236 accept AS-NETACTUATE
import: from AS36243 accept AS36243
mp-import: afi ipv6 from AS36243 accept AS36243
import: from AS36351 accept AS-SOFTLAYER
mp-import: afi ipv6 from AS36351 accept AS-SOFTLAYER
import: from AS36352 accept AS-COLOCROSSING
mp-import: afi ipv6 from AS36352 accept AS-COLOCROSSING
import: from AS36408 accept AS-PANTHER
mp-import: afi ipv6 from AS36459 accept AS-GITHUB
import: from AS36480 accept AS-BITRISE
mp-import: afi ipv6 from AS36480 accept AS-BITRISE
import: from AS36492 accept AS36492
mp-import: afi ipv6 from AS36492 accept AS36492
import: from AS36591 accept AS36591
mp-import: afi ipv6 from AS36591 accept AS36591
import: from AS36666 accept AS-GTCOMM1
mp-import: afi ipv6 from AS36666 accept AS-GTCOMM1
import: from AS36671 accept AS36671
mp-import: afi ipv6 from AS36671 accept AS36671
import: from AS36678 accept AS-36678
mp-import: afi ipv6 from AS36678 accept AS-36678
import: from AS36692 accept AS36692:AS-UMBRELLA
mp-import: afi ipv6 from AS36692 accept AS36692:AS-UMBRELLA
import: from AS36868 accept AS-ADBN
mp-import: afi ipv6 from AS36868 accept AS-ADBN
import: from AS37100 accept AS-SET-SEACOM
mp-import: afi ipv6 from AS37100 accept AS-SET-SEACOM
import: from AS37468 accept AS-ANGOLACABLES
mp-import: afi ipv6 from AS37468 accept AS-ANGOLACABLES
import: from AS37721 accept AS-VTS-SET
mp-import: afi ipv6 from AS37721 accept AS-VTS-SET
import: from AS38028 accept AS38028
```


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```
mp-import: afi ip from AS35041 accept AS-TAHION
import: afi ip from AS35041 accept AS-CUSTOMERS
mp-import: afi ip from AS35041 accept AS35041:AS-CUSTOMERS
import: from AS35047 accept AS-ABISSNET-CUST
mp-import: afi ipv6 from AS35047 accept AS-ABISSNET-CUST
import: from AS35062 accept AS-TEAMNET-VT
mp-import: afi ipv6 from AS35062 accept AS-TEAMNET-VT
import: from AS35070 accept AS-DIGITALVIRGO
mp-import: afi ipv6 from AS35070 accept AS-DIGITALVIRGO
import: from AS35112 accept AS35112
mp-import: afi ipv6 from AS35112 accept AS35112
import: from AS35133 accept AS-HYBULA
mp-import: afi ipv6 from AS35133 accept AS-HYBULA
import: from AS35157 accept AS35157
mp-import: afi ipv6 from AS35157 accept AS35157
import: from AS35179 accept AS-KORBANK2
mp-import: afi ipv6 from AS35179 accept AS-KORBANK2
import: from AS35207 accept AS-STELLAR
mp-import: afi ipv6 from AS35207 accept AS-STELLAR
import: from AS35236 accept AS-2CONNECT
mp-import: afi ipv6 from AS35236 accept AS-2CONNECT
import: from AS35258 accept AS-AKQUINET
mp-import: afi ipv6 from AS35258 accept AS-AKQUINET
import: from AS35266 accept AS-EXN
mp-import: afi ipv6 from AS35266 accept AS-EXN
import: from AS35268 accept AS35268
import: from AS35271 accept AS35271
mp-import: afi ipv6 from AS35271 accept AS35271
import: from AS35280 accept AS-F5
mp-import: afi ipv6 from AS35280 accept AS-F5
import: from AS35297 accept AS-DL-WORLD
mp-import: afi ipv6 from AS35297 accept AS-DL-WORLD
import: from AS35320 accept AS-ETT
mp-import: afi ipv6 from AS35320 accept AS-ETT
import: from AS35339 accept AS-ATNOC
mp-import: afi ipv6 from AS35339 accept AS-ATNOC
import: from AS35415 accept AS-WZ-EU
mp-import: afi ipv6 from AS35415 accept AS-WZ-EU
import: from AS35432 accept AS-WAVESPEED
mp-import: afi ipv6 from AS35432 accept AS-WAVESPEED
import: from AS35508 accept AS35508
mp-import: afi ipv6 from AS35508 accept AS35508
import: from AS35542 accept AS35542
mp-import: afi ipv6 from AS35542 accept AS35542
import: from AS35548 accept AS-SMARTTERRA
mp-import: afi ipv6 from AS35548 accept AS-SMARTTERRA
import: from AS35574 accept AS-LOTTOMATICA
mp-import: afi ipv6 from AS35574 accept AS-LOTTOMATICA
import: from AS35575 accept AS-VAIONI
mp-import: afi ipv6 from AS35575 accept AS-VAIONI
import: from AS35598 accept AS-ICNET
mp-import: afi ipv6 from AS35598 accept AS-ICNET
import: from AS35612 accept AS35612:AS-TRANSIT
mp-import: afi ipv6 from AS35612 accept AS35612:AS-TRANSIT
import: from AS35614 accept AS-TH
mp-import: afi ipv6 from AS35614 accept AS-TH
import: from AS35640 accept AS-MIGRAPH
mp-import: afi ipv6 from AS35640 accept AS-MIGRAPH
import: from AS35661 accept AS-VIRTUA-SYSTEMS
mp-import: afi ipv6 from AS35661 accept AS-VIRTUA-SYSTEMS
import: from AS35706 accept AS-NAO
mp-import: afi ipv6 from AS35706 accept AS-NAO
import: from AS35709 accept AS-TRIX
mp-import: afi ipv6 from AS35709 accept AS-TRIX
import: from AS35787 accept AS-INTERNET-CAFE
mp-import: afi ipv6 from AS35787 accept AS-INTERNET-CAFE
import: from AS35793 accept AS35793
mp-import: afi ipv6 from AS35793 accept AS35793
import: from AS35802 accept AS35802
mp-import: afi ipv6 from AS35802 accept AS35802
import: from AS35805 accept AS-SET-UTG
mp-import: afi ipv6 from AS35805 accept AS-SET-SILKNET-IPV6
```

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```
mp-import: afi ipv6 from AS39230 accept AS39230
import: from AS39230 accept AS-NETGUARDBG
mp-import: afi ipv6 from AS39257 accept AS-INC
import: from AS39257 accept AS-INC
mp-import: afi ipv6 from AS39257 accept AS-INC
import: from AS39264 accept AS-METROMAX
mp-import: afi ipv6 from AS39264 accept AS-METROMAX
import: from AS39279 accept AS-CTSMD
mp-import: afi ipv6 from AS39279 accept AS-CTSMD
import: from AS39290 accept AS-MGI
mp-import: afi ipv6 from AS39290 accept AS-MGI
import: from AS39310 accept AS-NNET
mp-import: afi ipv6 from AS39310 accept AS-NNET
import: from AS39326 accept AS-GOSCOMB
mp-import: afi ipv6 from AS39326 accept AS-GOSCOMB-V6
import: from AS39337 accept AS-CORPSOFT
mp-import: afi ipv6 from AS39337 accept AS-CORPSOFT
import: from AS39351 accept AS-ESAB
mp-import: afi ipv6 from AS39351 accept AS-ESAB
import: from AS39372 accept AS39372
import: from AS39386 accept AS-IGW-SET
mp-import: afi ipv6 from AS39386 accept AS-IGW-SET
import: from AS39392 accept AS-SUPERNETWORK
mp-import: afi ipv6 from AS39392 accept AS-SUPERNETWORK
import: from AS39410 accept AS39410
mp-import: afi ipv6 from AS39410 accept AS39410
import: from AS39424 accept AS39424
mp-import: afi ipv6 from AS39424 accept AS39424
import: from AS39498 accept AS-LMAX-DIGITAL
mp-import: afi ipv6 from AS39498 accept AS-LMAX-DIGITAL
import: from AS39505 accept AS-VESTITEL
mp-import: afi ipv6 from AS39505 accept AS-VESTITEL
import: from AS39507 accept AS-IPIVISION
mp-import: afi ipv6 from AS39507 accept AS-IPIVISION
import: from AS39513 accept AS-ONECOM-UA
mp-import: afi ipv6 from AS39513 accept AS-ONECOM-UA
import: from AS39526 accept AS-MAO
mp-import: afi ipv6 from AS39526 accept AS-MAO
import: from AS39560 accept AS-KT-NET
mp-import: afi ipv6 from AS39560 accept AS-KT-NET
import: from AS39567 accept AS-MD6-AND-CLIENTS
mp-import: afi ipv6 from AS39567 accept AS-MD6-AND-CLIENTS
import: from AS39570 accept AS-LOOPIA
mp-import: afi ipv6 from AS39570 accept AS-LOOPIA
import: from AS39603 accept AS-SET39603
mp-import: afi ipv6 from AS39603 accept AS-SET39603
import: from AS39605 accept AS-IGUANE
mp-import: afi ipv6 from AS39605 accept AS-IGUANE
import: from AS39642 accept AS-SE-NET
mp-import: afi ipv6 from AS39642 accept AS-SE-NET
import: from AS39648 accept AS-WANTECH
mp-import: afi ipv6 from AS39648 accept AS-WANTECH
import: from AS39671 accept AS-SFH
mp-import: afi ipv6 from AS39671 accept AS-SFH
import: from AS39684 accept AS39684
mp-import: afi ipv6 from AS39684 accept AS39684
import: from AS39702 accept AS-SIT
mp-import: afi ipv6 from AS39702 accept AS-SIT
import: from AS39737 accept AS-NETVISIONTEL
mp-import: afi ipv6 from AS39737 accept AS-NETVISIONTEL
import: from AS39756 accept AS-ROHOSTWAY
mp-import: afi ipv6 from AS39756 accept AS-ROHOSTWAY
import: from AS39771 accept AS39771
import: from AS39783 accept AS39783
mp-import: afi ipv6 from AS39783 accept AS39783
import: from AS39791 accept AS-CEZ-ICT
mp-import: afi ipv6 from AS39791 accept AS-CEZ-ICT
import: from AS39805 accept AS39805
mp-import: afi ipv6 from AS39805 accept AS39805
import: from AS39808 accept AS39808
mp-import: afi ipv6 from AS39808 accept AS39808
import: from AS39855 accept AS-MOD
```



```

import:      afi ipv6 from AS39805 accept AS39805
import:      from AS39808 accept AS39808
mp-import:   afi ipv6 from AS39808 accept AS39808
import:      from AS39855 accept AS-MOD
mp-import:   afi ipv6 from AS39855 accept AS-MOD
import:      from AS39867 accept AS39867
mp-import:   afi ipv6 from AS39867 accept AS39867
import:      from AS39869 accept AS-SITEL-UPSTREAM
mp-import:   afi ipv6 from AS39869 accept AS-SITEL-UPSTREAM
import:      from AS39878 accept AS-RAUTER
mp-import:   afi ipv6 from AS39878 accept AS-RAUTER
import:      from AS39892 accept AS-XPOUNDIT
mp-import:   afi ipv6 from AS39892 accept AS-XPOUNDIT
import:      from AS39912 accept AS-I3B-TRANSIT-V6
mp-import:   afi ipv6 from AS39912 accept AS-I3B-TRANSIT-V6
import:      from AS39927 accept AS-ELIGHT
mp-import:   afi ipv6 from AS39927 accept AS-ELIGHT
import:      from AS39937 accept AS39937:AS-CONE
mp-import:   afi ipv6 from AS39937 accept AS39937:AS-CONE
import:      from AS40028 accept AS40028:AS-ALL
mp-import:   afi ipv6 from AS40028 accept AS40028:AS-ALL
import:      from AS40061 accept AS-UNITEDLAYER
mp-import:   afi ipv6 from AS40061 accept AS-UNITEDLAYER
import:      from AS40065 accept AS-CNSERVERS
mp-import:   afi ipv6 from AS40065 accept AS-CNSERVERS
import:      from AS40111 accept AS-PARKER
mp-import:   afi ipv6 from AS40111 accept AS-PARKER
import:      from AS40165 accept AS40165:AS-CONE
mp-import:   afi ipv6 from AS40165 accept AS40165:AS-CONE
import:      from AS40181 accept AS40181:AS-CONE
mp-import:   afi ipv6 from AS40181 accept AS40181:AS-CONE
import:      from AS40185 accept AS40185
mp-import:   afi ipv6 from AS40185 accept AS40185
import:      from AS40193 accept AS-TRIT
mp-import:   afi ipv6 from AS40193 accept AS-TRIT
import:      from AS40237 accept AS-UNITED-COMM
mp-import:   afi ipv6 from AS40237 accept AS-UNITED-COMM
import:      from AS40244 accept AS40244
mp-import:   afi ipv6 from AS40244 accept AS40244
import:      from AS40350 accept AS40350
mp-import:   afi ipv6 from AS40350 accept AS40350
import:      from AS40387 accept AS-ICCN
mp-import:   afi ipv6 from AS40387 accept AS-ICCN
import:      from AS40401 accept AS-BACKBLAZE
mp-import:   afi ipv6 from AS40401 accept AS-BACKBLAZE
import:      from AS40463 accept AS40463:AS-SET
mp-import:   afi ipv6 from AS40463 accept AS40463:AS-SET
import:      from AS40470 accept AS40470:AS-PROTECTED
mp-import:   afi ipv6 from AS40470 accept AS40470:AS-PROTECTED
import:      from AS40571 accept AS40571
mp-import:   afi ipv6 from AS40571 accept AS40571
import:      from AS40627 accept AS-RINGCENTRAL
mp-import:   afi ipv6 from AS40627 accept AS-RINGCENTRAL
import:      from AS40731 accept AS-LATINIP
mp-import:   afi ipv6 from AS40731 accept AS-LATINIP
import:      from AS40784 accept AS40784
mp-import:   afi ipv6 from AS40784 accept AS40784
import:      from AS40785 accept AS40785:AS-OMNIVA-NJDC
mp-import:   afi ipv6 from AS40785 accept AS40785:AS-OMNIVA-NJDC
import:      from AS40805 accept AS40805
mp-import:   afi ipv6 from AS40805 accept AS40805
import:      from AS40809 accept AS-PRIMEXM-US
mp-import:   afi ipv6 from AS40809 accept AS-PRIMEXM-US
import:      from AS40824 accept AS-WZ-US
mp-import:   afi ipv6 from AS40824 accept AS-WZ-US
import:      from AS40827 accept AS40827
mp-import:   afi ipv6 from AS40827 accept AS40827
import:      from AS40861 accept AS-GIGANEWS-ALL

```


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```
import: from AS40805
mp-import: afi ipv6 from AS40805 accept AS40805
import: from AS40809 accept AS-PRIMEXM-US
mp-import: afi ipv6 from AS40809 accept AS-PRIMEXM-US
import: from AS40824 accept AS-WZ-US
mp-import: afi ipv6 from AS40824 accept AS-WZ-US
import: from AS40827 accept AS40827
mp-import: afi ipv6 from AS40827 accept AS40827
import: from AS40861 accept AS-GIGANEWS-ALL
mp-import: afi ipv6 from AS40861 accept AS-GIGANEWS-ALL
import: from AS40890 accept AS40890
mp-import: afi ipv6 from AS40890 accept AS40890
import: from AS40916 accept AS-EVALSE
mp-import: afi ipv6 from AS40916 accept AS-EVALSE
import: from AS40994 accept AS-ALWYZON
mp-import: afi ipv6 from AS40994 accept AS-ALWYZON
import: from AS40997 accept AS40997
mp-import: afi ipv6 from AS40997 accept AS40997
import: from AS41033 accept AS-D2CLOUD
mp-import: afi ipv6 from AS41033 accept AS-D2CLOUD
import: from AS41206 accept AS-UNITEDTELECOM
import: from AS41230 accept AS-ASK4
mp-import: afi ipv6 from AS41230 accept AS-ASK4
import: from AS41231 accept AS41231
mp-import: afi ipv6 from AS41231 accept AS41231
import: from AS41313 accept AS-NOVATEL
mp-import: afi ipv6 from AS41313 accept AS-NOVATEL
import: from AS41327 accept AS41327:AS-CUSTOMERS
mp-import: afi ipv6 from AS41327 accept AS41327:AS-CUSTOMERS
import: from AS41330 accept AS-T2RU-MR-NSK
mp-import: afi ipv6 from AS41330 accept AS-T2RU-MR-NSK
import: from AS41349 accept AS-MVM
mp-import: afi ipv6 from AS41349 accept AS-MVM
import: from AS41475 accept AS-SDK
mp-import: afi ipv6 from AS41475 accept AS-SDK
import: from AS41477 accept AS-LMAX
mp-import: afi ipv6 from AS41477 accept AS-LMAX
import: from AS41528 accept AS-41528
mp-import: afi ipv6 from AS41528 accept AS-41528
import: from AS41549 accept AS-EWBUCHS
mp-import: afi ipv6 from AS41549 accept AS-EWBUCHS
import: from AS41564 accept AS-PX9
mp-import: afi ipv6 from AS41564 accept AS-PX9
import: from AS41678 accept AS-TIBUS
mp-import: afi ipv6 from AS41678 accept AS-TIBUS
import: from AS41690 accept AS-DAILYMOTION
mp-import: afi ipv6 from AS41690 accept AS-DAILYMOTION
import: from AS41692 accept AS-OPENCARRIER
import: from AS41720 accept AS-NAVIGABENE
mp-import: afi ipv6 from AS41720 accept AS-NAVIGABENE
import: from AS41802 accept AS-KVIDEX
mp-import: afi ipv6 from AS41802 accept AS-KVIDEX
import: from AS41853 accept AS41853
mp-import: afi ipv6 from AS41853 accept AS41853
import: from AS41897 accept AS-SAT-TRAKT
mp-import: afi ipv6 from AS41897 accept AS-SAT-TRAKT
import: from AS41957 accept AS41957
mp-import: afi ipv6 from AS41957 accept AS41957
import: from AS41966 accept AS-SKYNET1
mp-import: afi ipv6 from AS41966 accept AS-SKYNET1
import: from AS41998 accept AS-NC1
mp-import: afi ipv6 from AS41998 accept AS-NC1
import: from AS42000 accept AS-KAORA
mp-import: afi ipv6 from AS42000 accept AS-KAORA
import: from AS42004 accept AS-ULGRP
mp-import: afi ipv6 from AS42004 accept AS-ULGRP
import: from AS42005 accept AS-LIGHTSTORM
mp-import: afi ipv6 from AS42005 accept AS-LIGHTSTORM
import: from AS42104 accept AS-CENTRLAN
mp-import: afi ipv6 from AS42104 accept AS-CENTRLAN
import: from AS42128 accept AS42128
mp-import: afi ipv6 from AS42128 accept AS42128
```



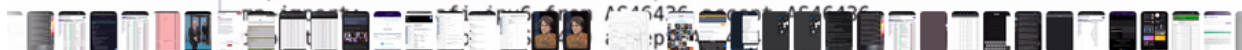
```
import: from AS42925 accept AS-ANTIK
mp-import: afi ipv6 from AS42925 accept AS-RIMON
import: from AS42988 accept AS42988
mp-import: afi ipv6 from AS42988 accept AS42988
import: from AS43012 accept AS43012:AS-ALL
mp-import: afi ipv6 from AS43012 accept AS43012:AS-ALL
import: from AS43017 accept AS43017
mp-import: afi ipv6 from AS43017 accept AS43017
import: from AS43102 accept AS43102
mp-import: afi ipv6 from AS43102 accept AS43102
import: from AS43118 accept AS-EASTWEST
mp-import: afi ipv6 from AS43118 accept AS-EASTWEST
import: from AS43191 accept AS43191
mp-import: afi ipv6 from AS43191 accept AS43191
import: from AS43219 accept AS-EVERYCITY
mp-import: afi ipv6 from AS43219 accept AS-EVERYCITY
import: from AS43220 accept AS43220
mp-import: afi ipv6 from AS43220 accept AS43220
import: from AS43271 accept AS43271
mp-import: afi ipv6 from AS43271 accept AS43271
import: from AS43281 accept AS-MOZZARTBET
mp-import: afi ipv6 from AS43281 accept AS-MOZZARTBET
import: from AS43341 accept AS-MDLINK
mp-import: afi ipv6 from AS43341 accept AS-MDLINK
import: from AS43350 accept AS-NFORCE
mp-import: afi ipv6 from AS43350 accept AS-NFORCE
import: from AS43372 accept AS-TELIA-43372
mp-import: afi ipv6 from AS43372 accept AS-TELIA-43372
import: from AS43424 accept AS43424
mp-import: afi ipv6 from AS43424 accept AS43424
import: from AS43451 accept AS-RADIOLAN
mp-import: afi ipv6 from AS43451 accept AS-RADIOLAN
import: from AS43467 accept AS43467
mp-import: afi ipv6 from AS43467 accept AS43467
import: from AS43476 accept AS-LBGK1-AS3
import: from AS43502 accept AS43502
mp-import: afi ipv6 from AS43502 accept AS43502
import: from AS43515 accept AS-43515-YT
mp-import: afi ipv6 from AS43515 accept AS-43515-YT
import: from AS43519 accept AS-NOMINET-NS
mp-import: afi ipv6 from AS43519 accept AS-NOMINET-NS
import: from AS43532 accept AS43532
mp-import: afi ipv6 from AS43532 accept AS43532
import: from AS43541 accept AS-VSHOSTING-CZ
mp-import: afi ipv6 from AS43541 accept AS-VSHOSTING-CZ
import: from AS43561 accept AS-NET10UT
mp-import: afi ipv6 from AS43561 accept AS-NET10UT
import: from AS43568 accept AS43568
mp-import: afi ipv6 from AS43568 accept AS43568
import: from AS43578 accept AS-43578
mp-import: afi ipv6 from AS43578 accept AS-43578
import: from AS43608 accept AS43608
mp-import: afi ipv6 from AS43608 accept AS43608
import: from AS43646 accept AS-TDFPMM
mp-import: afi ipv6 from AS43646 accept AS-TDFPMM
import: from AS43667 accept AS-VERMONT
mp-import: afi ipv6 from AS43667 accept AS-VERMONT
import: from AS43678 accept AS43678
mp-import: afi ipv6 from AS43678 accept AS43678
import: from AS43709 accept AS-SILESNET
mp-import: afi ipv6 from AS43709 accept AS-SILESNET
import: from AS43766 accept AS-MTCKSA
mp-import: afi ipv6 from AS43766 accept AS-MTCKSA
import: from AS43776 accept AS-RELSOFT
mp-import: afi ipv6 from AS43776 accept AS-RELSOFT
import: from AS43893 accept AS-MAINLOOP
mp-import: afi ipv6 from AS43893 accept AS-MAINLOOP
import: from AS43927 accept AS-HOSTERION
mp-import: afi ipv6 from AS43927 accept AS-HOSTERION
import: from AS43937 accept AS43937
mp-import: afi ipv6 from AS43937 accept AS43937
import: from AS43947 accept AS43947
```




```
mp-import: afi ipv6 from AS-MYTHIC
import: from November 5, 2024: SOFT
mp-import: afi ipv6 from AS-RELSOFT
import: from AS43893 accept AS-MAINLOOP
mp-import: afi ipv6 from AS43893 accept AS-MAINLOOP
import: from AS43927 accept AS-HOSTERION
mp-import: afi ipv6 from AS43927 accept AS-HOSTERION
import: from AS43937 accept AS43937
mp-import: afi ipv6 from AS43937 accept AS43937
import: from AS43942 accept AS43942
mp-import: afi ipv6 from AS43942 accept AS43942
import: from AS43996 accept AS-BOOKING
mp-import: afi ipv6 from AS43996 accept AS-BOOKING
import: from AS44002 accept AS44002
mp-import: afi ipv6 from AS44002 accept AS44002
import: from AS44034 accept AS-HI3G
mp-import: afi ipv6 from AS44034 accept AS-HI3G
import: from AS44041 accept AS44041
mp-import: afi ipv6 from AS44041 accept AS44041
import: from AS44056 accept AS44056
mp-import: afi ipv6 from AS44056 accept AS44056
import: from AS44066 accept AS-FIRSTCOLO
mp-import: afi ipv6 from AS44066 accept AS-FIRSTCOLO
import: from AS44092 accept AS-WIC-NET
mp-import: afi ipv6 from AS44092 accept AS-WIC-NET
import: from AS44103 accept AS-BAKKER-IT
mp-import: afi ipv6 from AS44103 accept AS-BAKKER-IT
import: from AS44108 accept AS44108
mp-import: afi ipv6 from AS44108 accept AS44108
import: from AS44123 accept AS-TELAVOX
mp-import: afi ipv6 from AS44123 accept AS-TELAVOX
import: from AS44134 accept AS44134
mp-import: afi ipv6 from AS44134 accept AS44134
import: from AS44176 accept AS-VXFIBER
mp-import: afi ipv6 from AS44176 accept AS-VXFIBER
import: from AS44180 accept AS-EMSLANDEL
mp-import: afi ipv6 from AS44180 accept AS-EMSLANDEL
import: from AS44205 accept AS44205
mp-import: afi ipv6 from AS44205 accept AS44205
import: from AS44207 accept AS44207
mp-import: afi ipv6 from AS44207 accept AS44207
import: from AS44239 accept AS44239:AS-PROINITY
mp-import: afi ipv6 from AS44239 accept AS44239:AS-PROINITY
import: from AS44306 accept AS-OMONIA
mp-import: afi ipv6 from AS44306 accept AS-OMONIA
import: from AS44314 accept AS-ITSYNERGY
mp-import: afi ipv6 from AS44314 accept AS-ITSYNERGY
import: from AS44320 accept AS44320
import: from AS44324 accept AS44324:AS-MD
mp-import: afi ipv6 from AS44324 accept AS44324:AS-MD
import: from AS44332 accept AS-CENTRILOGIC-UK
mp-import: afi ipv6 from AS44332 accept AS-CENTRILOGIC-UK
import: from AS44356 accept AS-44356-CUSTOMERS
mp-import: afi ipv6 from AS44356 accept AS-44356-CUSTOMERS
import: from AS44368 accept AS-SET-DELTAMANAGEMENT
import: from AS44407 accept AS44407:AS-LINKT
mp-import: afi ipv6 from AS44407 accept AS44407:AS-LINKT
import: from AS44444 accept AS-FORCEPOINT-CLOUD
mp-import: afi ipv6 from AS44444 accept AS-FORCEPOINT-CLOUD
import: from AS44466 accept AS44466
mp-import: afi ipv6 from AS44466 accept AS44466
import: from AS44507 accept AS-SET-KMTN
mp-import: afi ipv6 from AS44507 accept AS-SET-KMTN
import: from AS44522 accept AS-NS9_RIPN_NET
mp-import: afi ipv6 from AS44522 accept AS-NS9_RIPN_NET
import: from AS44595 accept AS44595
mp-import: afi ipv6 from AS44595 accept AS44595
import: from AS44654 accept AS-MNS
mp-import: afi ipv6 from AS44654 accept AS-MNS
import: from AS44656 accept AS44656
mp-import: afi ipv6 from AS44656 accept AS44656
import: from AS44684 accept AS-MYTHIC
mp-import: afi ipv6 from AS44684 accept AS-MYTHIC
mp-import: afi ipv6 from AS44700 accept AS-HOENLEKORTE
```




```
mp-import:      afi ipv6 from AS-NS9_RIPN_NET
import:         from AS44595
mp-import:      afi ipv6 from AS44654 accept AS-MNS
import:         from AS44656 accept AS44656
mp-import:      afi ipv6 from AS44656 accept AS44656
import:         from AS44684 accept AS-MYTHIC
mp-import:      afi ipv6 from AS44684 accept AS-MYTHIC
import:         from AS44700 accept AS-HAENDLEKORTE
mp-import:      afi ipv6 from AS44700 accept AS-HAENDLEKORTE
import:         from AS44735 accept AS-SIP
mp-import:      afi ipv6 from AS44735 accept AS-SIP
import:         from AS44786 accept AS44786
mp-import:      afi ipv6 from AS44786 accept AS44786
import:         from AS44901 accept AS-BELCLOUD
mp-import:      afi ipv6 from AS44901 accept AS-BELCLOUD
import:         from AS44914 accept AS-PETRUS-CH
mp-import:      afi ipv6 from AS44914 accept AS-PETRUS-CH
import:         from AS44927 accept AS-TMPK
mp-import:      afi ipv6 from AS44927 accept AS-TMPK
import:         from AS44964 accept AS-DATAPLANET
mp-import:      afi ipv6 from AS44964 accept AS-DATAPLANET
import:         from AS44973 accept AS-RZHAS
mp-import:      afi ipv6 from AS44973 accept AS-RZHAS
import:         from AS44988 accept AS-KOVROV
mp-import:      afi ipv6 from AS44988 accept AS-KOVROV
import:         from AS45033 accept AS-TELCOSWITCH
mp-import:      afi ipv6 from AS45033 accept AS-TELCOSWITCH
import:         from AS45102 accept AS-ALIBABA-CN-NET
mp-import:      afi ipv6 from AS45102 accept AS-ALIBABA-CN-NET
import:         from AS45147 accept AS45147:AS-NAPINFO-IPT
mp-import:      afi ipv6 from AS45147 accept AS45147:AS-NAPINFO-IPT
import:         from AS45204 accept AS45204:AS-GEMNET
mp-import:      afi ipv6 from AS45204 accept AS45204:AS-GEMNET
import:         from AS45296 accept AS-SIAP-NAP
mp-import:      afi ipv6 from AS45296 accept AS-SIAP-NAP
import:         from AS45352 accept AS-SET-IPSERVERONE
mp-import:      afi ipv6 from AS45352 accept AS-SET-IPSERVERONE
import:         from AS45437 accept AS-RWTS-DS
mp-import:      afi ipv6 from AS45437 accept AS-RWTS-DS
import:         from AS45474 accept AS45474:AS-NEXUSGUARD
mp-import:      afi ipv6 from AS45474 accept AS45474:AS-NEXUSGUARD
import:         from AS45489 accept AS-SLT-GLOBAL
mp-import:      afi ipv6 from AS45489 accept AS-SLT-GLOBAL
import:         from AS45498 accept AS45498:AS-SMART-AXIATA-KH
mp-import:      afi ipv6 from AS45498 accept AS45498:AS-SMART-AXIATA-KH
import:         from AS45543 accept AS45543:AS-DS
mp-import:      afi ipv6 from AS45543 accept AS45543:AS-DS
import:         from AS45629 accept AS-45629
mp-import:      afi ipv6 from AS45629 accept AS-45629
import:         from AS45630 accept AS-FIBRECOMM-MY-IPT
mp-import:      afi ipv6 from AS45630 accept AS-FIBRECOMM-MY-IPT_IPV6
import:         from AS45753 accept AS-SIMCENTRIC-HKG
mp-import:      afi ipv6 from AS45753 accept AS-SIMCENTRIC-HKG
import:         from AS45754 accept AS45754:AS-CLEARPATH
mp-import:      afi ipv6 from AS45754 accept AS45754:AS-CLEARPATH
import:         from AS45758 accept AS-TRIPLETNET
mp-import:      afi ipv6 from AS45758 accept AS-TRIPLETNET
import:         from AS45896 accept AS45896:AS-DS
mp-import:      afi ipv6 from AS45896 accept AS45896:AS-DS
import:         from AS46192 accept AS46192
mp-import:      afi ipv6 from AS46192 accept AS46192
import:         from AS46208 accept AS46208:AS-ALL
mp-import:      afi ipv6 from AS46208 accept AS46208:AS-ALL
import:         from AS46261 accept AS-QP
mp-import:      afi ipv6 from AS46261 accept AS-QP
import:         from AS46375 accept AS-SONICTRANSIT
mp-import:      afi ipv6 from AS46375 accept AS-SONICTRANSIT
import:         from AS46416 accept AS-BANKONIT
mp-import:      afi ipv6 from AS46416 accept AS-BANKONIT
import:         from AS46436 accept AS46436
```



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```
mp-import: a fi i
import: from AS46415 accept AS-BANKONIT
mp-import: a fi i
import: from AS46436 accept AS46436
mp-import: a fi ipv6 from AS46436 accept AS46436
import: from AS46450 accept AS-46450
mp-import: a fi ipv6 from AS46450 accept AS-46450
import: from AS46454 accept AS46454:AS-CUSTOMERS
mp-import: a fi ipv6 from AS46454 accept AS46454:AS-CUSTOMERS
import: from AS46456 accept AS46456
mp-import: a fi ipv6 from AS46456 accept AS46456
import: from AS46475 accept AS-LIMESTONE
mp-import: a fi ipv6 from AS46475 accept AS-LIMESTONE
import: from AS46489 accept AS-TWITCH
mp-import: a fi ipv6 from AS46489 accept AS-TWITCH
import: from AS46518 accept AS-CPUL
mp-import: a fi ipv6 from AS46518 accept AS-CPUL
import: from AS46579 accept AS46579
mp-import: a fi ipv6 from AS46579 accept AS46579
import: from AS46606 accept AS-EIGI
mp-import: a fi ipv6 from AS46606 accept AS-EIGI
import: from AS46609 accept AS-HOSTINGLOGISTIC
mp-import: a fi ipv6 from AS46609 accept AS-HOSTINGLOGISTIC
import: from AS46617 accept AS46617
import: from AS46632 accept AS46632:AS-SWAT
mp-import: a fi ipv6 from AS46632 accept AS46632:AS-SWAT
import: from AS46636 accept AS46636
mp-import: a fi ipv6 from AS46636 accept AS46636
import: from AS46672 accept AS-COLOGIX-JAX2
mp-import: a fi ipv6 from AS46672 accept AS-COLOGIX-JAX2
import: from AS46742 accept AS-QTS-46742
mp-import: a fi ipv6 from AS46742 accept AS-QTS-46742
import: from AS46783 accept AS-EASYLINK
mp-import: a fi ipv6 from AS46783 accept AS-EASYLINK
import: from AS46786 accept AS-IPTRANSIT
mp-import: a fi ipv6 from AS46786 accept AS-IPTRANSIT
import: from AS46887 accept AS-CCF
mp-import: a fi ipv6 from AS46887 accept AS-CCF
import: from AS46945 accept AS46945
mp-import: a fi ipv6 from AS46945 accept AS46945
import: from AS47147 accept AS-ANX
mp-import: a fi ipv6 from AS47147 accept AS-ANX
import: from AS47169 accept AS-HPC-MVM
mp-import: a fi ipv6 from AS47169 accept AS-HPC-MVM
import: from AS47171 accept AS-USL
mp-import: a fi ipv6 from AS47171 accept AS-USL
import: from AS47176 accept AS-GASCOM-CH
mp-import: a fi ipv6 from AS47176 accept AS-GASCOM-CH
import: from AS47181 accept AS47181
mp-import: a fi ipv6 from AS47181 accept AS47181
import: from AS47191 accept AS47191:AS-RIPE
mp-import: a fi ipv6 from AS47191 accept AS47191:AS-RIPE
import: from AS47195 accept AS-GAMEFORGE
mp-import: a fi ipv6 from AS47195 accept AS-GAMEFORGE
import: from AS47211 accept AS-KOLPINONET
mp-import: a fi ipv6 from AS47211 accept AS-KOLPINONET
import: from AS47213 accept AS47213
mp-import: a fi ipv6 from AS47213 accept AS47213
import: from AS47215 accept AS-FIL00
mp-import: a fi ipv6 from AS47215 accept AS-FIL00
import: from AS47232 accept AS-ISPALLIANCE-CZ
mp-import: a fi ipv6 from AS47232 accept AS-ISPALLIANCE-CZ
import: from AS47272 accept AS47272:AS-HYEH0ST
mp-import: a fi ipv6 from AS47272 accept AS47272:AS-HYEH0ST
import: from AS47287 accept AS47287
mp-import: from AS47292 accept AS-SENTIADK
import: a fi ipv6 from AS47292 accept AS-SENTIADK
import: from AS47323 accept AS47323
mp-import: a fi ipv6 from AS47323 accept AS47323
import: from AS47379 accept AS-SITS
mp-import: a fi ipv6 from AS47379 accept AS-SITS
import: from AS47381 accept AS-DOCLFRWEB
import: from AS47409 accept AS47409
```




```
mp-import:      afi ipv4 from AS47323
import:         from AS47323 accept AS47323
mp-import:      afi ipv4 from AS-SITS
import:         from AS47381 accept AS-DOCLERWEB
mp-import:      afi ipv6 from AS47381 accept AS-DOCLERWEB
import:         from AS47409 accept AS47409
mp-import:      afi ipv6 from AS47409 accept AS47409
import:         from AS47447 accept AS47447:AS-23M
mp-import:      afi ipv6 from AS47447 accept AS47447:AS-23M
import:         from AS47481 accept AS-LMHD
mp-import:      afi ipv6 from AS47481 accept AS-LMHD
import:         from AS47526 accept AS47526:AS-NITK
mp-import:      afi ipv6 from AS47526 accept AS47526:AS-NITK
import:         from AS47541 accept AS-VKONTAKTE
mp-import:      afi ipv6 from AS47541 accept AS-VKONTAKTE
import:         from AS47583 accept AS47583
mp-import:      afi ipv6 from AS47583 accept AS47583
import:         from AS47605 accept AS-SET-FNE
mp-import:      afi ipv6 from AS47605 accept AS-SET-FNE
import:         from AS47613 accept AS47613
mp-import:      afi ipv6 from AS47613 accept AS47613
import:         from AS47638 accept AS-CADENCE
mp-import:      afi ipv6 from AS47638 accept AS-CADENCE
import:         from AS47655 accept AS-SET-LINKINTEL
mp-import:      afi ipv6 from AS47655 accept AS-SET-LINKINTEL
import:         from AS47674 accept AS-DOTSI
mp-import:      afi ipv6 from AS47674 accept AS-DOTSI
import:         from AS47689 accept AS-PUDUALL
mp-import:      afi ipv6 from AS47689 accept AS-PUDUALL
import:         from AS47723 accept AS-SLCLLOUD
mp-import:      afi ipv6 from AS47723 accept AS-SLCLLOUD
import:         from AS47744 accept AS-ANNECTO
mp-import:      afi ipv6 from AS47744 accept AS-ANNECTO
import:         from AS47754 accept AS47754
mp-import:      afi ipv6 from AS47754 accept AS47754
import:         from AS47764 accept AS-MAILRU
mp-import:      afi ipv6 from AS47764 accept AS-MAILRU
import:         from AS47768 accept AS-INTISTEL
mp-import:      afi ipv6 from AS47768 accept AS-INTISTEL
import:         from AS47775 accept AS-UBN
mp-import:      afi ipv6 from AS47775 accept AS-UBN
import:         from AS47787 accept AS-EDG00
mp-import:      afi ipv6 from AS47787 accept AS-EDG00
import:         from AS47790 accept AS47790
import:         from AS47791 accept AS-EA-C-HELSINKI
import:         from AS47823 accept AS47823
mp-import:      afi ipv6 from AS47823 accept AS47823
import:         from AS47841 accept AS-OXALIDE
mp-import:      afi ipv6 from AS47841 accept AS-OXALIDE
import:         from AS47846 accept AS47846
mp-import:      afi ipv6 from AS47846 accept AS47846
import:         from AS47850 accept AS-TAU
mp-import:      afi ipv6 from AS47850 accept AS-TAU
import:         from AS47864 accept AS-VNET-PEERS
mp-import:      afi ipv6 from AS47864 accept AS-VNET-PEERS
import:         from AS47869 accept AS-NETROUTING
mp-import:      afi ipv6 from AS47869 accept AS-NETROUTING
import:         from AS47887 accept AS-SET-NTT
mp-import:      afi ipv6 from AS47887 accept AS-SET-NTT
import:         from AS47890 accept AS-UNMANAGED
mp-import:      afi ipv6 from AS47890 accept AS-UNMANAGED
import:         from AS47923 accept AS-LANCRAFT
mp-import:      afi ipv6 from AS47923 accept AS-LANCRAFT
import:         from AS47927 accept AS-WIFIWEB-SET
mp-import:      afi ipv6 from AS47927 accept AS-WIFIWEB-SET
import:         from AS47957 accept AS-WORLDLINE
mp-import:      afi ipv6 from AS47957 accept AS-WORLDLINE
import:         from AS47968 accept AS47968
mp-import:      afi ipv6 from AS47968 accept AS47968
import:         from AS47973 accept AS-DRT
mp-import:      afi ipv6 from AS47973 accept AS-DRT
import:         from AS47998 accept AS-OSCAR
```





import: from AS47968
mp-import: afi ipv6 from AS47968 accept AS47968
import: from AS47998 accept AS-OSCAR
mp-import: afi ipv6 from AS47998 accept AS-OSCAR
import: from AS48036 accept AS48036
mp-import: afi ipv6 from AS48036 accept AS48036
import: from AS48070 accept AS48070:AS-DSM
mp-import: afi ipv6 from AS48070 accept AS48070:AS-DSM
import: from AS48092 accept AS-T2RU-MR-NN
mp-import: afi ipv6 from AS48092 accept AS-T2RU-MR-NN
import: from AS48132 accept AS48132
mp-import: afi ipv6 from AS48132 accept AS48132
import: from AS48152 accept AS-DRT
mp-import: afi ipv6 from AS48152 accept AS-DRT
import: from AS48166 accept AS-FORTEX
mp-import: afi ipv6 from AS48166 accept AS-FORTEX
import: from AS48173 accept AS-UNBELIEVABLE
mp-import: afi ipv6 from AS48173 accept AS-UNBELIEVABLE
import: from AS48185 accept AS48185:AS-TEAMBLUE
mp-import: afi ipv6 from AS48185 accept AS48185:AS-TEAMBLUE
import: from AS48197 accept AS48197
import: from AS48200 accept AS-OPTEAMAX
mp-import: afi ipv6 from AS48200 accept AS-OPTEAMAX
import: from AS48225 accept AS48225
mp-import: afi ipv6 from AS48225 accept AS48225
import: from AS48237 accept AS-MOBILY
mp-import: afi ipv6 from AS48237 accept AS-MOBILY
import: from AS48249 accept AS-CAPTEL
mp-import: afi ipv6 from AS48249 accept AS-CAPTEL
import: from AS48266 accept AS48266:AS-CATIXS
mp-import: afi ipv6 from AS48266 accept AS48266:AS-CATIXS
import: from AS48273 accept AS48273
mp-import: afi ipv6 from AS48273 accept AS48273
import: from AS48282 accept AS48282
mp-import: afi ipv6 from AS48282 accept AS48282
import: from AS48293 accept AS-UNIONTEL-RU
mp-import: afi ipv6 from AS48293 accept AS-UNIONTEL-RU
import: from AS48299 accept AS-DIGITANETWORKS-FI
mp-import: afi ipv6 from AS48299 accept AS-DIGITANETWORKS-FI
import: from AS48303 accept AS-OVISCUSTOMERS
mp-import: afi ipv6 from AS48303 accept AS-OVISCUSTOMERS
import: from AS48328 accept AS-RETARUS
mp-import: afi ipv6 from AS48328 accept AS-RETARUS
import: from AS48347 accept AS48347
mp-import: afi ipv6 from AS48347 accept AS48347
import: from AS48362 accept AS-TKSWF
mp-import: afi ipv6 from AS48362 accept AS-TKSWF
import: from AS48408 accept AS-LOCALITEL
mp-import: afi ipv6 from AS48408 accept AS-LOCALITEL
import: from AS48417 accept AS-ITS-NETWORKS
mp-import: afi ipv6 from AS48417 accept AS-ITS-NETWORKS
import: from AS48469 accept AS48469
mp-import: afi ipv6 from AS48469 accept AS48469
import: from AS48483 accept AS48483
mp-import: afi ipv6 from AS48483 accept AS48483
import: from AS48545 accept AS48545
import: from AS48579 accept AS-ELASTX
mp-import: afi ipv6 from AS48579 accept AS-ELASTX
import: from AS48610 accept AS48610:AS-OFORO
mp-import: afi ipv6 from AS48610 accept AS48610:AS-OFORO
import: from AS48620 accept AS-BEAMING
mp-import: afi ipv6 from AS48620 accept AS-BEAMING
import: from AS48635 accept AS-ASTRALUS
mp-import: afi ipv6 from AS48635 accept AS-ASTRALUS
import: from AS48638 accept AS-CRONOS
mp-import: afi ipv6 from AS48638 accept AS-CRONOS
import: from AS48642 accept AS-KT-RU
mp-import: afi ipv6 from AS48642 accept AS-KT-RU
import: from AS48659 accept AS-WIDENET-TRANSITED
mp-import: afi ipv6 from AS48659 accept AS-WIDENET-TRANSITED



```

mp-import: from AS49285 accept AS-IPROUTE-SET
import: from AS49285 accept AS-IPROUTE-SET
mp-import: afi ipv6 from AS49289 accept AS-IPROUTE-SET
import: from AS49290 accept AS-WIESZOWANET
mp-import: afi ipv6 from AS49290 accept AS-WIESZOWANET
import: from AS49292 accept AS-GOTANET-DK
mp-import: afi ipv6 from AS49292 accept AS-GOTANET-DK
import: from AS49362 accept AS-DSV
mp-import: afi ipv6 from AS49362 accept AS-DSV
import: from AS49368 accept AS-DOMOLAN
mp-import: afi ipv6 from AS49368 accept AS-DOMOLAN
import: from AS49375 accept AS-TRUNKNETWORKS
mp-import: afi ipv6 from AS49375 accept AS-TRUNKNETWORKS
import: from AS49425 accept AS-DRT
mp-import: afi ipv6 from AS49425 accept AS-DRT
import: from AS49434 accept AS-HHOSTING
mp-import: afi ipv6 from AS49434 accept AS-HHOSTING
import: from AS49435 accept AS-INGATE-DE
mp-import: afi ipv6 from AS49435 accept AS-INGATE-DE
import: from AS49468 accept AS49468
mp-import: afi ipv6 from AS49468 accept AS49468
import: from AS49476 accept AS-MTT
mp-import: afi ipv6 from AS49476 accept AS-MTT
import: from AS49489 accept AS49489
mp-import: afi ipv6 from AS49489 accept AS49489
import: from AS49505 accept AS-SELECTEL
mp-import: afi ipv6 from AS49505 accept AS-SELECTEL
import: from AS49515 accept AS-NSC
mp-import: afi ipv6 from AS49515 accept AS-NSC
import: from AS49531 accept AS-NETCOM-R
mp-import: afi ipv6 from AS49531 accept AS-NETCOM-R
import: from AS49542 accept AS-ARTPLANET
mp-import: afi ipv6 from AS49542 accept AS-ARTPLANET
import: from AS49544 accept AS-INTERACTIVE3D
mp-import: afi ipv6 from AS49544 accept AS-INTERACTIVE3D
import: from AS49588 accept AS-SDS
mp-import: afi ipv6 from AS49588 accept AS-SDS
import: from AS49600 accept AS-NEARIP
mp-import: afi ipv6 from AS49600 accept AS-NEARIP
import: from AS49603 accept AS49603
mp-import: afi ipv6 from AS49603 accept AS49603
import: from AS49604 accept AS-ZONE
mp-import: afi ipv6 from AS49604 accept AS-ZONE
import: from AS49678 accept AS49678
mp-import: afi ipv6 from AS49678 accept AS49678
import: from AS49703 accept AS-CONSULTIC
mp-import: afi ipv6 from AS49703 accept AS-CONSULTIC
import: from AS49769 accept AS49769
mp-import: afi ipv6 from AS49769 accept AS49769
import: from AS49770 accept AS49770
mp-import: afi ipv6 from AS49770 accept AS49770
import: from AS49785 accept AS-AWIST
mp-import: afi ipv6 from AS49785 accept AS-AWIST
import: from AS49788 accept AS-NEXTHOP
mp-import: afi ipv6 from AS49788 accept AS-NEXTHOP
import: from AS49800 accept AS-GNC
mp-import: afi ipv6 from AS49800 accept AS-GNC
import: from AS49808 accept AS-POWERSPEED
mp-import: afi ipv6 from AS49808 accept AS-POWERSPEED
mp-import: afi ipv6 from AS49808 accept AS-POWERSPEED-V6
import: from AS49824 accept AS-ACTPA
mp-import: afi ipv6 from AS49824 accept AS-ACTPA
import: from AS49834 accept AS49834
mp-import: afi ipv6 from AS49834 accept AS49834
import: from AS49863 accept AS-LITE-TELECOM
mp-import: afi ipv6 from AS49863 accept AS-LITE-TELECOM
import: from AS49867 accept AS-AUGUST
mp-import: afi ipv6 from AS49867 accept AS-AUGUST
import: from AS49915 accept AS49915:AS-MEGAPORT
mp-import: afi ipv6 from AS49915 accept AS49915:AS-MEGAPORT

```




```
import: from AS48638 accept AS-ASTRALUS
mp-import: afi ipv6 from AS48638 accept AS-ASTRALUS
import: from AS48642 accept AS-CRONOS
mp-import: afi ipv6 from AS48642 accept AS-KT-RU
import: from AS48659 accept AS-WIDENET-TRANSITED
mp-import: afi ipv6 from AS48659 accept AS-WIDENET-TRANSITED
import: from AS48707 accept AS-GREENER
mp-import: afi ipv6 from AS48707 accept AS-GREENER
import: from AS48719 accept AS-INTELSVYAZ
import: from AS48739 accept AS48739
mp-import: afi ipv6 from AS48739 accept AS48739
import: from AS48744 accept AS48744
import: from AS48813 accept AS-ENIX
mp-import: afi ipv6 from AS48813 accept AS-ENIX
import: from AS48822 accept AS-UNIVERSUMNET
mp-import: afi ipv6 from AS48822 accept AS-UNIVERSUMNET-V6
import: from AS48832 accept AS-ZAIN-JO-ALL
mp-import: afi ipv6 from AS48832 accept AS-ZAIN-JO-ALL
import: from AS48851 accept AS48851
mp-import: afi ipv6 from AS48851 accept AS48851
import: from AS48858 accept AS-MILECOM
mp-import: afi ipv6 from AS48858 accept AS-MILECOM
import: from AS48885 accept AS-NEOCARRIER
mp-import: afi ipv6 from AS48885 accept AS-NEOCARRIER
import: from AS48896 accept AS-DHOSTING
mp-import: afi ipv6 from AS48896 accept AS-DHOSTING
import: from AS48910 accept AS-PNAPFRA002
mp-import: afi ipv6 from AS48910 accept AS-PNAPFRA002
import: from AS48940 accept AS-LINK-NET
mp-import: afi ipv6 from AS48940 accept AS-LINK-NET
import: from AS48950 accept AS48950
mp-import: afi ipv6 from AS48950 accept AS48950
import: from AS49024 accept AS-FHE3NET
mp-import: afi ipv6 from AS49024 accept AS-FHE3NET
import: from AS49028 accept AS-D-LAKE
mp-import: afi ipv6 from AS49028 accept AS-D-LAKE
import: from AS49079 accept AS-CONAPTO
mp-import: afi ipv6 from AS49079 accept AS-CONAPTO
import: from AS49106 accept AS-OPCOM
mp-import: afi ipv6 from AS49106 accept AS-OPCOM
import: from AS49107 accept AS49107
mp-import: afi ipv6 from AS49107 accept AS49107
import: from AS49121 accept AS-INFTELE
mp-import: afi ipv6 from AS49121 accept AS-INFTELE
import: from AS49124 accept AS-CENTROSET
mp-import: afi ipv6 from AS49124 accept AS-CENTROSET
import: from AS49127 accept AS-ASIMO
mp-import: afi ipv6 from AS49127 accept AS-ASIMO
import: from AS49179 accept AS49179
mp-import: afi ipv6 from AS49179 accept AS49179
import: from AS49191 accept AS-NEXUS-DELTA
mp-import: afi ipv6 from AS49191 accept AS-NEXUS-DELTA
import: from AS49209 accept AS49209
import: from AS49218 accept AS-NTKS
import: from AS49220 accept AS-AIRIT
mp-import: afi ipv6 from AS49220 accept AS-AIRIT
import: from AS49222 accept AS-TELENOR-CONNEXION
mp-import: afi ipv6 from AS49222 accept AS-TELENOR-CONNEXION
import: from AS49244 accept AS-SET-SCANCOM
mp-import: afi ipv6 from AS49244 accept AS-SET-SCANCOM
import: from AS49261 accept AS49261
mp-import: afi ipv6 from AS49261 accept AS49261
import: from AS49282 accept AS-FICOLO
mp-import: afi ipv6 from AS49282 accept AS-FICOLO
import: from AS49283 accept AS49283
mp-import: afi ipv6 from AS49283 accept AS49283
import: from AS49285 accept AS-ITAF
mp-import: afi ipv6 from AS49285 accept AS-ITAF
import: from AS49289 accept AS-IPROUTE-SET
mp-import: afi ipv6 from AS49289 accept AS-IPROUTE-SET
import: from AS49290 accept AS-WTESZOWANET
import: from AS49292 accept AS-GUTANET-OK
```


mp-import: afi ipv6 from AS49834 accept AS49834
import: from AS49834 accept AS-TELECOM
mp-import: afi ipv6 from AS49867 accept AS-LITE-TELECOM
import: from AS49867 accept AS-AUGUST
mp-import: afi ipv6 from AS49867 accept AS-AUGUST
import: from AS49915 accept AS49915:AS-MEGAPORT
mp-import: afi ipv6 from AS49915 accept AS49915:AS-MEGAPORT
import: from AS49920 accept AS-FLOWBIRD
mp-import: afi ipv6 from AS49920 accept AS-FLOWBIRD
import: from AS49949 accept AS49949
mp-import: afi ipv6 from AS49949 accept AS49949
import: from AS49964 accept AS-VERIXI
mp-import: afi ipv6 from AS49964 accept AS-VERIXI
import: from AS49981 accept AS-WORLDSTREAM
mp-import: afi ipv6 from AS49981 accept AS-WORLDSTREAM
import: from AS50010 accept AS-50010
mp-import: afi ipv6 from AS50010 accept AS-50010
import: from AS50018 accept AS50018
mp-import: afi ipv6 from AS50018 accept AS50018
import: from AS50058 accept AS50058
mp-import: afi ipv6 from AS50058 accept AS50058
import: from AS50061 accept AS-PWC
mp-import: afi ipv6 from AS50061 accept AS-PWC
import: from AS50072 accept AS50072
mp-import: afi ipv6 from AS50072 accept AS50072
import: from AS50073 accept AS-50073
mp-import: afi ipv6 from AS50073 accept AS-50073
import: from AS50097 accept AS-IPVOIP
mp-import: afi ipv6 from AS50097 accept AS-IPVOIP
import: from AS50107 accept AS-VISTA
mp-import: afi ipv6 from AS50107 accept AS-VISTA
import: from AS50113 accept AS-NTX
mp-import: afi ipv6 from AS50113 accept AS-NTX
import: from AS50183 accept AS50183:AS-CENTURY
mp-import: afi ipv6 from AS50183 accept AS50183:AS-CENTURY
import: from AS50187 accept AS-BWC
mp-import: afi ipv6 from AS50187 accept AS-BWC
import: from AS50239 accept AS-METROPORT
mp-import: afi ipv6 from AS50239 accept AS-METROPORT
import: from AS50245 accept AS-SERVEREL
mp-import: afi ipv6 from AS50245 accept AS-SERVEREL
import: from AS50254 accept AS-SKY-EN
mp-import: afi ipv6 from AS50254 accept AS-SKY-EN
import: from AS50266 accept AS-TMNL
mp-import: afi ipv6 from AS50266 accept AS-TMNL
import: from AS50272 accept AS-AVUR
mp-import: afi ipv6 from AS50272 accept AS-AVUR
import: from AS50289 accept AS-WELLCOMM
mp-import: afi ipv6 from AS50289 accept AS-WELLCOMM
import: from AS50304 accept AS-BLIX
mp-import: afi ipv6 from AS50304 accept AS-BLIX
import: from AS50309 accept AS-ARCADIZ
mp-import: afi ipv6 from AS50309 accept AS-ARCADIZ
import: from AS50313 accept AS-TESLATEL
mp-import: afi ipv6 from AS50313 accept AS-TESLATEL
import: from AS50319 accept AS50319:AS-DUSTINMS-NL
mp-import: afi ipv6 from AS50319 accept AS50319:AS-DUSTINMS-NL
import: from AS50324 accept AS-HOFNETZ
mp-import: afi ipv6 from AS50324 accept AS-HOFNETZ
import: from AS50340 accept AS-SELECTEL-MSK
mp-import: afi ipv6 from AS50340 accept AS-SELECTEL-MSK
import: from AS50349 accept AS50349
mp-import: afi ipv6 from AS50349 accept AS50349
import: from AS50414 accept AS50414
mp-import: afi ipv6 from AS50414 accept AS50414
import: from AS50448 accept AS-COLOCAT
mp-import: afi ipv6 from AS50448 accept AS-COLOCAT
import: from AS50467 accept AS-BESKID-MEDIA
mp-import: afi ipv6 from AS50467 accept AS-BESKID-MEDIA
import: from AS50469 accept AS-HESSENKOM-IIP
mp-import: afi ipv6 from AS50469 accept AS-HESSENKOM-IIP
import: from AS50473 accept AS-EC0

mp-import: afi i... AS-COLOCAT
import: from AS50469 accept AS-BESKID-MEDIA
mp-import: afi i... AS-BESKID-MEDIA
import: from AS50469 accept AS-HESSENKOM-UP
mp-import: afi ipv6 from AS50469 accept AS-HESSENKOM-UP
import: from AS50473 accept AS-ECO
mp-import: afi ipv6 from AS50473 accept AS-ECO
import: from AS50477 accept AS-SET-SVEN
mp-import: afi ipv6 from AS50477 accept AS-SET-IPV6-SVEN
import: from AS50489 accept AS-ORIEDGE
mp-import: afi ipv6 from AS50489 accept AS-ORIEDGE
import: from AS50522 accept AS-POCOS
mp-import: afi ipv6 from AS50522 accept AS-POCOS
import: from AS50533 accept AS-ITENOS
mp-import: afi ipv6 from AS50533 accept AS-ITENOS
import: from AS50538 accept AS-PETROSVYAZ
mp-import: afi ipv6 from AS50538 accept AS-PETROSVYAZ
import: from AS50581 accept AS-ETT
mp-import: afi ipv6 from AS50581 accept AS-ETT
import: from AS50596 accept AS-ITNET33
mp-import: afi ipv6 from AS50596 accept AS-ITNET33
import: from AS50606 accept AS-PL-FUZ
mp-import: afi ipv6 from AS50606 accept AS-PL-FUZ
import: from AS50607 accept AS-EPIX-TRANSIT
mp-import: afi ipv6 from AS50607 accept AS-EPIX-TRANSIT
import: from AS50628 accept AS-LEONIX
mp-import: afi ipv6 from AS50628 accept AS-LEONIX
import: from AS50629 accept AS-LWL
mp-import: afi ipv6 from AS50629 accept AS-LWL
import: from AS50630 accept AS50630
mp-import: afi ipv6 from AS50630 accept AS50630
import: from AS50775 accept AS50775
mp-import: afi ipv6 from AS50775 accept AS50775
import: from AS50822 accept AS50822
mp-import: afi ipv6 from AS50822 accept AS50822
import: from AS50867 accept AS-NCONNECT
mp-import: afi ipv6 from AS50867 accept AS-NCONNECT
import: from AS50889 accept AS-NVIDIA-GFN-GLOBAL
mp-import: afi ipv6 from AS50889 accept AS-NVIDIA-GFN-GLOBAL
import: from AS50894 accept AS50894
mp-import: afi ipv6 from AS50894 accept AS50894
import: from AS50917 accept AS-SITEFAST
mp-import: afi ipv6 from AS50917 accept AS-SITEFAST
import: from AS50923 accept AS-METRO-SET
mp-import: afi ipv6 from AS50923 accept AS-METRO-SET
import: from AS50966 accept AS-INTERCOM-TECHNOLOGY
mp-import: afi ipv6 from AS50966 accept AS-INTERCOM-TECHNOLOGY
import: from AS51013 accept AS-WEB SUPPORT
mp-import: afi ipv6 from AS51013 accept AS-WEB SUPPORT
import: from AS51043 accept AS-ASPIRE
mp-import: afi ipv6 from AS51043 accept AS-ASPIRE
import: from AS51069 accept AS-DNEPRONET
import: from AS51079 accept AS51079
mp-import: afi ipv6 from AS51079 accept AS51079
import: from AS51093 accept AS-VMCITY
mp-import: afi ipv6 from AS51093 accept AS-VMCITY
import: from AS51167 accept AS-51167
import: from AS51167 accept AS51167:AS-ALL
mp-import: afi ipv6 from AS51167 accept AS-51167
mp-import: afi ipv6 from AS51167 accept AS51167:AS-ALL
import: from AS51175 accept AS-MULTIPLAYPL
mp-import: afi ipv6 from AS51175 accept AS-MULTIPLAYPL
import: from AS51178 accept AS-AVANTEL-SPB
mp-import: afi ipv6 from AS51178 accept AS-AVANTEL-SPB
import: from AS51219 accept AS-CROC
mp-import: afi ipv6 from AS51219 accept AS-CROC
import: from AS51224 accept AS-LINKLAB
mp-import: afi ipv6 from AS51224 accept AS-LINKLAB
import: from AS51248 accept AS-HOST-TELECOM-CZ
mp-import: afi ipv6 from AS51248 accept AS-HOST-TELECOM-CZ
import: from AS51259 accept AS-ARCUS
mp-import: afi ipv6 from AS51259 accept AS-ARCUS

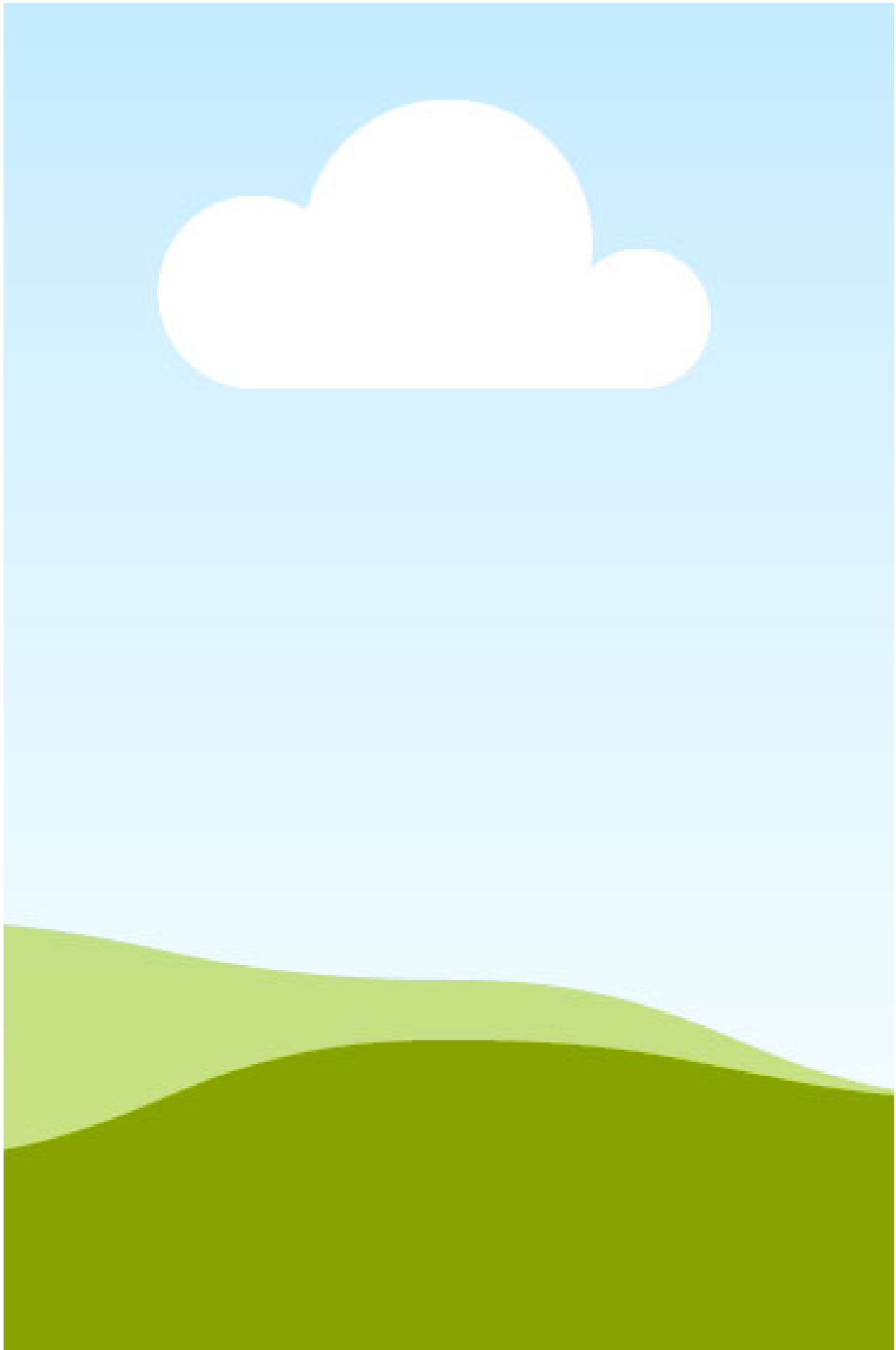
af i AS-CROC
from AS51222 accept AS-LINKLAB
af i AS-LINKLAB
from AS51248 accept AS-HOST-TELECOM-CZ
af i AS-HOST-TELECOM-CZ
from AS51259 accept AS-ARCUS
af i AS-ARCUS
from AS51290 accept AS-HOSTEAM
af i AS-HOSTEAM
from AS51310 accept AS-MATRONIX
af i AS-MATRONIX
from AS51358 accept AS51358
af i AS51358
from AS51402 accept AS-COM-IN
af i AS-COM-IN
from AS51407 accept AS-MADASET
af i AS-MADASET
from AS51408 accept AS51408
af i AS51408
from AS51444 accept AS51444
af i AS51444
from AS51468 accept AS-ONECOM
af i AS-ONECOM
from AS51484 accept AS-BLOKOWE
af i AS-BLOKOWE
from AS51504 accept AS51504
from AS51531 accept AS-DECIX-ONLY
af i AS-DECIX-ONLY
from AS51545 accept AS51545
from AS51569 accept AS-FIBER-CUSTOMER
af i AS-FIBER-CUSTOMER
from AS51576 accept AS51576
af i AS51576
from AS51577 accept AS-STYRIA IT
from AS51579 accept AS-VSHK
af i AS-VSHK
from AS51582 accept AS51582:AS-DCC
af i AS51582:AS-DCC
from AS51621 accept AS-IP4-INFOSSELF
af i AS-IP4-INFOSSELF
from AS51776 accept AS51776
af i AS51776
from AS51822 accept AS51822
af i AS51822
from AS51826 accept AS51826:AS-EVROC
af i AS51826:AS-EVROC
from AS51834 accept AS-KAEMI
af i AS-KAEMI
from AS51904 accept AS-UTEX
af i AS-UTEX
from AS51922 accept AS-MYTOYS
af i AS-MYTOYS
from AS51945 accept AS-CONNETU
af i AS-CONNETU
from AS51956 accept AS51956:AS-RIPE
af i AS51956:AS-RIPE
from AS51960 accept AS51960:AS-PARTNERS
af i AS51960:AS-PARTNERS
from AS51978 accept AS-WEMACOM
af i AS-WEMACOM
from AS52000 accept AS-MIRHOSTING
af i AS-MIRHOSTING
from AS52025 accept AS-PARADOX
af i AS-PARADOX
from AS52091 accept AS-LEVEL-MSK
af i AS-LEVEL-MSK
from AS52129 accept AS52129
af i AS52129
from AS52130 accept AS52130
af i AS52130
from AS52168 accept AS-ARTENCIA
af i AS-ARTENCIA
from AS52205 accept AS52205



mp-import: afi i AS52129
import: from AS52129 accept AS52129
mp-import: afi i AS52130
import: from AS52168 accept AS-ARTENCIA
mp-import: afi ipv6 from AS52168 accept AS-ARTENCIA
import: from AS52263 accept AS52263
mp-import: afi ipv6 from AS52263 accept AS52263
import: from AS52320 accept AS-GNT
mp-import: afi ipv6 from AS52320 accept AS-GNT
import: from AS52449 accept AS-MTB2
mp-import: afi ipv6 from AS52449 accept AS-MTB2
import: from AS52468 accept AS-UFLA-TRANSCUST
mp-import: afi ipv6 from AS52468 accept AS-UFLA-TRANSCUST
import: from AS52485 accept AS52485
mp-import: afi ipv6 from AS52485 accept AS52485
import: from AS53334 accept AS53334
mp-import: afi ipv6 from AS53334 accept AS53334
import: from AS53449 accept AS53449
mp-import: afi ipv6 from AS53449 accept AS53449
import: from AS53502 accept AS53502
mp-import: afi ipv6 from AS53502 accept AS53502
import: from AS53565 accept AS53565
mp-import: afi ipv6 from AS53565 accept AS53565
import: from AS53597 accept AS-HOYOS-NETWORK
mp-import: afi ipv6 from AS53597 accept AS-HOYOS-NETWORK
import: from AS53610 accept AS-METRO
mp-import: afi ipv6 from AS53610 accept AS-METRO
import: from AS53620 accept AS53620
mp-import: afi ipv6 from AS53620 accept AS53620
import: from AS53755 accept AS-IOFLOOD
mp-import: afi ipv6 from AS53755 accept AS-IOFLOOD
import: from AS53766 accept AS-VMWARE-SASE
mp-import: afi ipv6 from AS53766 accept AS-VMWARE-SASE
import: from AS53831 accept AS-53831
mp-import: afi ipv6 from AS53831 accept AS-53831
import: from AS53834 accept AS53834
mp-import: afi ipv6 from AS53834 accept AS53834
import: from AS53850 accept AS-GORILLASERVERS
mp-import: afi ipv6 from AS53850 accept AS-GORILLASERVERS
import: from AS53855 accept AS53855
mp-import: afi ipv6 from AS53855 accept AS53855
import: from AS53907 accept AS-QTS-53907
mp-import: afi ipv6 from AS53907 accept AS-QTS-53907
import: from AS53930 accept AS53930
mp-import: afi ipv6 from AS53930 accept AS53930
import: from AS53933 accept AS-TELX
mp-import: afi ipv6 from AS53933 accept AS-TELX
import: from AS53939 accept AS-TELX
mp-import: afi ipv6 from AS53939 accept AS-TELX
import: from AS53959 accept AS53959
mp-import: afi ipv6 from AS53959 accept AS53959
import: from AS53973 accept AS53973
mp-import: afi ipv6 from AS53973 accept AS53973
import: from AS53981 accept AS53981
mp-import: afi ipv6 from AS53981 accept AS53981
import: from AS53991 accept AS53991:AS-CONE
mp-import: afi ipv6 from AS53991 accept AS53991:AS-CONE
import: from AS54039 accept AS54039
import: from AS54048 accept AS-CVIN
mp-import: afi ipv6 from AS54048 accept AS-CVIN
import: from AS54058 accept AS-RAKUTEN-RBN
mp-import: afi ipv6 from AS54058 accept AS-RAKUTEN-RBN
import: from AS54082 accept AS-54082:AS-PEERS
mp-import: afi ipv6 from AS54082 accept AS-54082:AS-PEERS
import: from AS54098 accept AS-LIONLINK
mp-import: afi ipv6 from AS54098 accept AS-LIONLINK
import: from AS54103 accept AS-MOD
mp-import: afi ipv6 from AS54103 accept AS-MOD
import: from AS54113 accept AS-FASTLY
mp-import: afi ipv6 from AS54113 accept AS-FASTLY
import: from AS54198 accept AS-VMEDIAINC
mp-import: afi ipv6 from AS54198 accept AS-VMEDIAINC



mp-import: afi i AS-FASTLY
import: from AS54199 accept AS-VMEDIAINC
mp-import: afi i AS-VMEDIAINC
import: from AS54228 accept AS-54228
mp-import: afi ipv6 from AS54228 accept AS-54228
import: from AS54253 accept AS-ORACLE-OCI-DRCC
mp-import: afi ipv6 from AS54253 accept AS-ORACLE-OCI-DRCC
import: from AS54301 accept AS-NATIONWIDEBANDWIDTH
mp-import: afi ipv6 from AS54301 accept AS-NATIONWIDEBANDWIDTH
import: from AS54309 accept AS-NEGU
mp-import: afi ipv6 from AS54309 accept AS-NEGU
import: from AS54483 accept AS-GEOLINKS
mp-import: afi ipv6 from AS54483 accept AS-GEOLINKS
import: from AS54509 accept AS54509
mp-import: afi ipv6 from AS54509 accept AS54509
import: from AS54528 accept AS54528
mp-import: afi ipv6 from AS54528 accept AS54528
import: from AS54535 accept AS54535
mp-import: afi ipv6 from AS54535 accept AS54535
import: from AS54548 accept AS-IONOS
mp-import: afi ipv6 from AS54548 accept AS-IONOS
import: from AS54588 accept AS-EC-SV
mp-import: afi ipv6 from AS54588 accept AS-EC-SV
import: from AS54600 accept AS-PEGTECHCUSTOMERS
mp-import: afi ipv6 from AS54600 accept AS-PEGTECHCUSTOMERS
import: from AS54665 accept AS54665:AS-ARELION
mp-import: afi ipv6 from AS54665 accept AS54665:AS-ARELION
import: from AS54696 accept AS-FHBB
mp-import: afi ipv6 from AS54696 accept AS-FHBB
import: from AS54720 accept AS7819:AS-GLOBAL
mp-import: afi ipv6 from AS54720 accept AS7819:AS-GLOBAL
import: from AS54801 accept AS54801
mp-import: afi ipv6 from AS54801 accept AS54801
import: from AS54825 accept AS-PACKET
mp-import: afi ipv6 from AS54825 accept AS-PACKET
import: from AS54829 accept AS-NYITX
mp-import: afi ipv6 from AS54829 accept AS-NYITX
import: from AS54896 accept AS54896:AS-ALL
mp-import: afi ipv6 from AS54896 accept AS54896:AS-ALL
import: from AS54900 accept AS54900
mp-import: afi ipv6 from AS54900 accept AS54900
import: from AS54994 accept AS54994:AS-ALL
mp-import: afi ipv6 from AS54994 accept AS54994:AS-ALL
import: from AS55025 accept AS272392:AS-BLUEZONEQRO
mp-import: afi ipv6 from AS55025 accept AS272392:AS-BLUEZONEQRO
import: from AS55066 accept AS-ESTRUXTURE
mp-import: afi ipv6 from AS55066 accept AS-ESTRUXTURE
import: from AS55191 accept AS55191
mp-import: afi ipv6 from AS55191 accept AS55191
import: from AS55222 accept AS-MINDGEEK
mp-import: afi ipv6 from AS55222 accept AS-MINDGEEK
import: from AS55256 accept AS-NETSKOPE
mp-import: afi ipv6 from AS55256 accept AS-NETSKOPE
import: from AS55293 accept AS-A2HOST
mp-import: afi ipv6 from AS55293 accept AS-A2HOST
import: from AS55410 accept AS-VODAFONE-NET-IN
mp-import: afi ipv6 from AS55410 accept AS-VODAFONE-NET-IN
import: from AS55655 accept AS55655:AS-SIMS
mp-import: afi ipv6 from AS55655 accept AS55655:AS-SIMS
import: from AS55685 accept AS55685:AS-JLM-ID
mp-import: afi ipv6 from AS55685 accept AS55685:AS-JLM-ID
import: from AS55769 accept AS55769
mp-import: afi ipv6 from AS55769 accept AS55769
import: from AS55805 accept AS-55805
mp-import: afi ipv6 from AS55805 accept AS-55805
import: from AS55821 accept AS-RADIUS-PH
mp-import: afi ipv6 from AS55821 accept AS-RADIUS-PH
import: from AS55850 accept AS-TPISP
mp-import: afi ipv6 from AS55850 accept AS-TPISP
import: from AS55900 accept AS-GLBB-TRANSIT
mp-import: afi ipv6 from AS55900 accept AS-GLBB-TRANSIT
import: from AS55944 accept AS55944:AS-CUSTOMERS



mp-import: afi i... AS-COLOCAT
import: from AS50469 accept AS-BESKID-MEDIA
mp-import: afi i... AS-BESKID-MEDIA
import: from AS50469 accept AS-HESSENKOM-UP
mp-import: afi ipv6 from AS50469 accept AS-HESSENKOM-UP
import: from AS50473 accept AS-ECO
mp-import: afi ipv6 from AS50473 accept AS-ECO
import: from AS50477 accept AS-SET-SVEN
mp-import: afi ipv6 from AS50477 accept AS-SET-IPV6-SVEN
import: from AS50489 accept AS-ORIEDGE
mp-import: afi ipv6 from AS50489 accept AS-ORIEDGE
import: from AS50522 accept AS-POCOS
mp-import: afi ipv6 from AS50522 accept AS-POCOS
import: from AS50533 accept AS-ITENOS
mp-import: afi ipv6 from AS50533 accept AS-ITENOS
import: from AS50538 accept AS-PETROSVYAZ
mp-import: afi ipv6 from AS50538 accept AS-PETROSVYAZ
import: from AS50581 accept AS-ETT
mp-import: afi ipv6 from AS50581 accept AS-ETT
import: from AS50596 accept AS-ITNET33
mp-import: afi ipv6 from AS50596 accept AS-ITNET33
import: from AS50606 accept AS-PL-FUZ
mp-import: afi ipv6 from AS50606 accept AS-PL-FUZ
import: from AS50607 accept AS-EPIX-TRANSIT
mp-import: afi ipv6 from AS50607 accept AS-EPIX-TRANSIT
import: from AS50628 accept AS-LEONIX
mp-import: afi ipv6 from AS50628 accept AS-LEONIX
import: from AS50629 accept AS-LWL
mp-import: afi ipv6 from AS50629 accept AS-LWL
import: from AS50630 accept AS50630
mp-import: afi ipv6 from AS50630 accept AS50630
import: from AS50775 accept AS50775
mp-import: afi ipv6 from AS50775 accept AS50775
import: from AS50822 accept AS50822
mp-import: afi ipv6 from AS50822 accept AS50822
import: from AS50867 accept AS-NCONNECT
mp-import: afi ipv6 from AS50867 accept AS-NCONNECT
import: from AS50889 accept AS-NVIDIA-GFN-GLOBAL
mp-import: afi ipv6 from AS50889 accept AS-NVIDIA-GFN-GLOBAL
import: from AS50894 accept AS50894
mp-import: afi ipv6 from AS50894 accept AS50894
import: from AS50917 accept AS-SITEFAST
mp-import: afi ipv6 from AS50917 accept AS-SITEFAST
import: from AS50923 accept AS-METRO-SET
mp-import: afi ipv6 from AS50923 accept AS-METRO-SET
import: from AS50966 accept AS-INTERCOM-TECHNOLOGY
mp-import: afi ipv6 from AS50966 accept AS-INTERCOM-TECHNOLOGY
import: from AS51013 accept AS-WEB SUPPORT
mp-import: afi ipv6 from AS51013 accept AS-WEB SUPPORT
import: from AS51043 accept AS-ASPIRE
mp-import: afi ipv6 from AS51043 accept AS-ASPIRE
import: from AS51069 accept AS-DNEPRONET
import: from AS51079 accept AS51079
mp-import: afi ipv6 from AS51079 accept AS51079
import: from AS51093 accept AS-VMCITY
mp-import: afi ipv6 from AS51093 accept AS-VMCITY
import: from AS51167 accept AS-51167
import: from AS51167 accept AS51167:AS-ALL
mp-import: afi ipv6 from AS51167 accept AS-51167
mp-import: afi ipv6 from AS51167 accept AS51167:AS-ALL
import: from AS51175 accept AS-MULTIPLAYPL
mp-import: afi ipv6 from AS51175 accept AS-MULTIPLAYPL
import: from AS51178 accept AS-AVANTEL-SPB
mp-import: afi ipv6 from AS51178 accept AS-AVANTEL-SPB
import: from AS51219 accept AS-CROC
mp-import: afi ipv6 from AS51219 accept AS-CROC
import: from AS51224 accept AS-LINKLAB
mp-import: afi ipv6 from AS51224 accept AS-LINKLAB
import: from AS51248 accept AS-HOST-TELECOM-CZ
mp-import: afi ipv6 from AS51248 accept AS-HOST-TELECOM-CZ
import: from AS51259 accept AS-ARCUS
mp-import: afi ipv6 from AS51259 accept AS-ARCUS

af i AS-CROC
from AS51222 accept AS-LINKLAB
af i AS-LINKLAB
from AS51248 accept AS-HOST-TELECOM-CZ
af i AS-HOST-TELECOM-CZ
from AS51259 accept AS-ARCUS
af i AS-ARCUS
from AS51290 accept AS-HOSTEAM
af i AS-HOSTEAM
from AS51310 accept AS-MATRONIX
af i AS-MATRONIX
from AS51358 accept AS51358
af i AS51358
from AS51402 accept AS-COM-IN
af i AS-COM-IN
from AS51407 accept AS-MADASET
af i AS-MADASET
from AS51408 accept AS51408
af i AS51408
from AS51444 accept AS51444
af i AS51444
from AS51468 accept AS-ONECOM
af i AS-ONECOM
from AS51484 accept AS-BLOKOWE
af i AS-BLOKOWE
from AS51504 accept AS51504
from AS51531 accept AS-DECIX-ONLY
af i AS-DECIX-ONLY
from AS51545 accept AS51545
from AS51569 accept AS-FIBER-CUSTOMER
af i AS-FIBER-CUSTOMER
from AS51576 accept AS51576
af i AS51576
from AS51577 accept AS-STYRIA IT
from AS51579 accept AS-VSHK
af i AS-VSHK
from AS51582 accept AS51582:AS-DCC
af i AS51582:AS-DCC
from AS51621 accept AS-IP4-INFOSELF
af i AS-IP4-INFOSELF
from AS51776 accept AS51776
af i AS51776
from AS51822 accept AS51822
af i AS51822
from AS51826 accept AS51826:AS-EVROC
af i AS51826:AS-EVROC
from AS51834 accept AS-KAEMI
af i AS-KAEMI
from AS51904 accept AS-UTEX
af i AS-UTEX
from AS51922 accept AS-MYTOYS
af i AS-MYTOYS
from AS51945 accept AS-CONNETU
af i AS-CONNETU
from AS51956 accept AS51956:AS-RIPE
af i AS51956:AS-RIPE
from AS51960 accept AS51960:AS-PARTNERS
af i AS51960:AS-PARTNERS
from AS51978 accept AS-WEMACOM
af i AS-WEMACOM
from AS52000 accept AS-MIRHOSTING
af i AS-MIRHOSTING
from AS52025 accept AS-PARADOX
af i AS-PARADOX
from AS52091 accept AS-LEVEL-MSK
af i AS-LEVEL-MSK
from AS52129 accept AS52129
af i AS52129
from AS52130 accept AS52130
af i AS52130
from AS52168 accept AS-ARTENCIA
af i AS-ARTENCIA
from AS52205 accept AS52205



mp-import: afi i AS52129
import: from AS52129 accept AS52129
mp-import: afi i AS52130
import: from AS52168 accept AS-ARTENCIA
mp-import: afi ipv6 from AS52168 accept AS-ARTENCIA
import: from AS52263 accept AS52263
mp-import: afi ipv6 from AS52263 accept AS52263
import: from AS52320 accept AS-GNT
mp-import: afi ipv6 from AS52320 accept AS-GNT
import: from AS52449 accept AS-MTB2
mp-import: afi ipv6 from AS52449 accept AS-MTB2
import: from AS52468 accept AS-UFLA-TRANSCUST
mp-import: afi ipv6 from AS52468 accept AS-UFLA-TRANSCUST
import: from AS52485 accept AS52485
mp-import: afi ipv6 from AS52485 accept AS52485
import: from AS53334 accept AS53334
mp-import: afi ipv6 from AS53334 accept AS53334
import: from AS53449 accept AS53449
mp-import: afi ipv6 from AS53449 accept AS53449
import: from AS53502 accept AS53502
mp-import: afi ipv6 from AS53502 accept AS53502
import: from AS53565 accept AS53565
mp-import: afi ipv6 from AS53565 accept AS53565
import: from AS53597 accept AS-HOYOS-NETWORK
mp-import: afi ipv6 from AS53597 accept AS-HOYOS-NETWORK
import: from AS53610 accept AS-METRO
mp-import: afi ipv6 from AS53610 accept AS-METRO
import: from AS53620 accept AS53620
mp-import: afi ipv6 from AS53620 accept AS53620
import: from AS53755 accept AS-IOFLOOD
mp-import: afi ipv6 from AS53755 accept AS-IOFLOOD
import: from AS53766 accept AS-VMWARE-SASE
mp-import: afi ipv6 from AS53766 accept AS-VMWARE-SASE
import: from AS53831 accept AS-53831
mp-import: afi ipv6 from AS53831 accept AS-53831
import: from AS53834 accept AS53834
mp-import: afi ipv6 from AS53834 accept AS53834
import: from AS53850 accept AS-GORILLASERVERS
mp-import: afi ipv6 from AS53850 accept AS-GORILLASERVERS
import: from AS53855 accept AS53855
mp-import: afi ipv6 from AS53855 accept AS53855
import: from AS53907 accept AS-QTS-53907
mp-import: afi ipv6 from AS53907 accept AS-QTS-53907
import: from AS53930 accept AS53930
mp-import: afi ipv6 from AS53930 accept AS53930
import: from AS53933 accept AS-TELX
mp-import: afi ipv6 from AS53933 accept AS-TELX
import: from AS53939 accept AS-TELX
mp-import: afi ipv6 from AS53939 accept AS-TELX
import: from AS53959 accept AS53959
mp-import: afi ipv6 from AS53959 accept AS53959
import: from AS53973 accept AS53973
mp-import: afi ipv6 from AS53973 accept AS53973
import: from AS53981 accept AS53981
mp-import: afi ipv6 from AS53981 accept AS53981
import: from AS53991 accept AS53991:AS-CONE
mp-import: afi ipv6 from AS53991 accept AS53991:AS-CONE
import: from AS54039 accept AS54039
import: from AS54048 accept AS-CVIN
mp-import: afi ipv6 from AS54048 accept AS-CVIN
import: from AS54058 accept AS-RAKUTEN-RBN
mp-import: afi ipv6 from AS54058 accept AS-RAKUTEN-RBN
import: from AS54082 accept AS-54082:AS-PEERS
mp-import: afi ipv6 from AS54082 accept AS-54082:AS-PEERS
import: from AS54098 accept AS-LIONLINK
mp-import: afi ipv6 from AS54098 accept AS-LIONLINK
import: from AS54103 accept AS-MOD
mp-import: afi ipv6 from AS54103 accept AS-MOD
import: from AS54113 accept AS-FASTLY
mp-import: afi ipv6 from AS54113 accept AS-FASTLY
import: from AS54198 accept AS-VMEDIAINC
mp-import: afi ipv6 from AS54198 accept AS-VMEDIAINC



mp-import: afi i AS-FASTLY
import: from AS54199 accept AS-VMEDIAINC
mp-import: afi i AS-VMEDIAINC
import: from AS54228 accept AS-54228
mp-import: afi ipv6 from AS54228 accept AS-54228
import: from AS54253 accept AS-ORACLE-OCI-DRCC
mp-import: afi ipv6 from AS54253 accept AS-ORACLE-OCI-DRCC
import: from AS54301 accept AS-NATIONWIDEBANDWIDTH
mp-import: afi ipv6 from AS54301 accept AS-NATIONWIDEBANDWIDTH
import: from AS54309 accept AS-NEGU
mp-import: afi ipv6 from AS54309 accept AS-NEGU
import: from AS54483 accept AS-GEOLINKS
mp-import: afi ipv6 from AS54483 accept AS-GEOLINKS
import: from AS54509 accept AS54509
mp-import: afi ipv6 from AS54509 accept AS54509
import: from AS54528 accept AS54528
mp-import: afi ipv6 from AS54528 accept AS54528
import: from AS54535 accept AS54535
mp-import: afi ipv6 from AS54535 accept AS54535
import: from AS54548 accept AS-IONOS
mp-import: afi ipv6 from AS54548 accept AS-IONOS
import: from AS54588 accept AS-EC-SV
mp-import: afi ipv6 from AS54588 accept AS-EC-SV
import: from AS54600 accept AS-PEGTECHCUSTOMERS
mp-import: afi ipv6 from AS54600 accept AS-PEGTECHCUSTOMERS
import: from AS54665 accept AS54665:AS-ARELION
mp-import: afi ipv6 from AS54665 accept AS54665:AS-ARELION
import: from AS54696 accept AS-FHBB
mp-import: afi ipv6 from AS54696 accept AS-FHBB
import: from AS54720 accept AS7819:AS-GLOBAL
mp-import: afi ipv6 from AS54720 accept AS7819:AS-GLOBAL
import: from AS54801 accept AS54801
mp-import: afi ipv6 from AS54801 accept AS54801
import: from AS54825 accept AS-PACKET
mp-import: afi ipv6 from AS54825 accept AS-PACKET
import: from AS54829 accept AS-NYITX
mp-import: afi ipv6 from AS54829 accept AS-NYITX
import: from AS54896 accept AS54896:AS-ALL
mp-import: afi ipv6 from AS54896 accept AS54896:AS-ALL
import: from AS54900 accept AS54900
mp-import: afi ipv6 from AS54900 accept AS54900
import: from AS54994 accept AS54994:AS-ALL
mp-import: afi ipv6 from AS54994 accept AS54994:AS-ALL
import: from AS55025 accept AS272392:AS-BLUEZONEQRO
mp-import: afi ipv6 from AS55025 accept AS272392:AS-BLUEZONEQRO
import: from AS55066 accept AS-ESTRUXTURE
mp-import: afi ipv6 from AS55066 accept AS-ESTRUXTURE
import: from AS55191 accept AS55191
mp-import: afi ipv6 from AS55191 accept AS55191
import: from AS55222 accept AS-MINDGEEK
mp-import: afi ipv6 from AS55222 accept AS-MINDGEEK
import: from AS55256 accept AS-NETSKOPE
mp-import: afi ipv6 from AS55256 accept AS-NETSKOPE
import: from AS55293 accept AS-A2HOST
mp-import: afi ipv6 from AS55293 accept AS-A2HOST
import: from AS55410 accept AS-VODAFONE-NET-IN
mp-import: afi ipv6 from AS55410 accept AS-VODAFONE-NET-IN
import: from AS55655 accept AS55655:AS-SIMS
mp-import: afi ipv6 from AS55655 accept AS55655:AS-SIMS
import: from AS55685 accept AS55685:AS-JLM-ID
mp-import: afi ipv6 from AS55685 accept AS55685:AS-JLM-ID
import: from AS55769 accept AS55769
mp-import: afi ipv6 from AS55769 accept AS55769
import: from AS55805 accept AS-55805
mp-import: afi ipv6 from AS55805 accept AS-55805
import: from AS55821 accept AS-RADIUS-PH
mp-import: afi ipv6 from AS55821 accept AS-RADIUS-PH
import: from AS55850 accept AS-TPISP
mp-import: afi ipv6 from AS55850 accept AS-TPISP
import: from AS55900 accept AS-GLBB-TRANSIT
mp-import: afi ipv6 from AS55900 accept AS-GLBB-TRANSIT
import: from AS55944 accept AS55944:AS-CUSTOMERS



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mp-import: a fi ipv6 from AS56911:AS-WAKILAN-MX
import: from November 5, 2024 5
mp-import: a fi ipv6 from AS56946
import: from AS56987 accept AS-ABACLOUDA
mp-import: a fi ipv6 from AS56987 accept AS-ABACLOUDA
import: from AS56990 accept AS-SYSCOMM
mp-import: a fi ipv6 from AS56990 accept AS-SYSCOMM
import: from AS57073 accept AS57073:AS-WILDBERRIES
mp-import: a fi ipv6 from AS57073 accept AS57073:AS-WILDBERRIES
import: from AS57089 accept AS-5POINT
mp-import: a fi ipv6 from AS57089 accept AS-5POINT
import: from AS57112 accept AS57112:AS-CUST
mp-import: a fi ipv6 from AS57112 accept AS57112:AS-CUST
import: from AS57168 accept AS57168
mp-import: a fi ipv6 from AS57168 accept AS57168
import: from AS57169 accept AS-EDIS
mp-import: a fi ipv6 from AS57169 accept AS-EDIS
import: from AS57174 accept AS-SSERV-RU
mp-import: a fi ipv6 from AS57174 accept AS-SSERV-RU
import: from AS57191 accept AS-CHUDOTEL
mp-import: a fi ipv6 from AS57191 accept AS-CHUDOTEL
import: from AS57208 accept AS-TELECOMPUTING
mp-import: a fi ipv6 from AS57208 accept AS-TELECOMPUTING
import: from AS57213 accept AS-FANTEX
mp-import: a fi ipv6 from AS57213 accept AS-FANTEX
import: from AS57217 accept AS-SENSITIVE
mp-import: a fi ipv6 from AS57217 accept AS-SENSITIVE
import: from AS57242 accept AS57242:AS-MARTYINCHUK
mp-import: a fi ipv6 from AS57242 accept AS57242:AS-MARTYINCHUK
import: from AS57243 accept AS-BBONE
mp-import: a fi ipv6 from AS57243 accept AS-BBONE
import: from AS57259 accept AS-SPOTNET
mp-import: a fi ipv6 from AS57259 accept AS-SPOTNET
import: from AS57337 accept AS57337
mp-import: a fi ipv6 from AS57337 accept AS57337
import: from AS57344 accept AS-57344
mp-import: a fi ipv6 from AS57344 accept AS-57344
import: from AS57353 accept AS-VITROCONNECT
mp-import: a fi ipv6 from AS57353 accept AS-VITROCONNECT
import: from AS57395 accept AS-HARTL-EDV
mp-import: a fi ipv6 from AS57395 accept AS-HARTL-EDV
import: from AS57420 accept AS-FORATELECOM
mp-import: a fi ipv6 from AS57420 accept AS-FORATELECOM
import: from AS57455 accept AS-FILANCO-UA
mp-import: a fi ipv6 from AS57455 accept AS-FILANCO-UA
import: from AS57507 accept AS57507
mp-import: from AS57530 accept AS57530
import: a fi ipv6 from AS57530 accept AS57530
import: from AS57537 accept AS-NETDSIGN
mp-import: a fi ipv6 from AS57537 accept AS-NETDSIGN
import: from AS57586 accept AS57586
mp-import: a fi ipv6 from AS57586 accept AS57586
import: from AS57617 accept AS57617
mp-import: a fi ipv6 from AS57617 accept AS57617
import: from AS57624 accept AS-BFC
mp-import: a fi ipv6 from AS57624 accept AS-BFC
import: from AS57630 accept AS-84GRAMS
mp-import: a fi ipv6 from AS57630 accept AS-84GRAMS
import: from AS57660 accept AS-COM4
mp-import: a fi ipv6 from AS57660 accept AS-COM4
import: from AS57710 accept AS57710
mp-import: a fi ipv6 from AS57710 accept AS57710
import: from AS57712 accept AS-SOFTVIDEO
mp-import: a fi ipv6 from AS57712 accept AS-SOFTVIDEO
import: from AS57724 accept AS-DDOS-GUARD
mp-import: a fi ipv6 from AS57724 accept AS-DDOS-GUARD
import: from AS57773 accept AS-ONEA
mp-import: a fi ipv6 from AS57773 accept AS-ONEA
import: from AS57811 accept AS-ATDS-SERVICES
mp-import: a fi ipv6 from AS57811 accept AS-ATDS-SERVICES
import: from AS57829 accept AS-IVER
mp-import: a fi ipv6 from AS57829 accept AS-IVER
import: from AS57842 accept AS-INTERLOGICA-LTD
import: from AS57862 accept AS57862
```




```
import: from AS-ONEA
mp-import: afi ipv6 from AS-ONEA
import: from AS-SERVICES
mp-import: afi ipv6 from AS57811 accept AS-ATDS-SERVICES
import: from AS57829 accept AS-IVER
mp-import: afi ipv6 from AS57829 accept AS-IVER
import: from AS57843 accept AS-INTERLOGICA-LTD
mp-import: afi ipv6 from AS57843 accept AS-INTERLOGICA-LTD
import: from AS57862 accept AS57862
import: from AS57866 accept AS-FUSIX
mp-import: afi ipv6 from AS57866 accept AS-FUSIX
import: from AS57878 accept AS-PRAGER-CONNECT
mp-import: afi ipv6 from AS57878 accept AS-PRAGER-CONNECT
import: from AS57976 accept AS-BLIZZARD
mp-import: afi ipv6 from AS57976 accept AS-BLIZZARD
import: from AS57996 accept AS57996
mp-import: afi ipv6 from AS57996 accept AS57996
import: from AS58010 accept AS-UVENSYS
mp-import: afi ipv6 from AS58010 accept AS-UVENSYS
import: from AS58011 accept AS-CHEOPS
mp-import: afi ipv6 from AS58011 accept AS-CHEOPS
import: from AS58065 accept AS-PX9
mp-import: afi ipv6 from AS58065 accept AS-PX9
import: from AS58073 accept AS-YISP
mp-import: afi ipv6 from AS58073 accept AS-YISP
import: from AS58095 accept AS-LANLINK
mp-import: afi ipv6 from AS58095 accept AS-LANLINK
import: from AS58182 accept AS58182
mp-import: afi ipv6 from AS58182 accept AS58182
import: from AS58280 accept AS58280
import: from AS58288 accept AS58288
mp-import: afi ipv6 from AS58288 accept AS58288
import: from AS58299 accept AS58299:AS-ALL
mp-import: afi ipv6 from AS58299 accept AS58299:AS-ALL
import: from AS58317 accept AS-EMBARK
mp-import: afi ipv6 from AS58317 accept AS-EMBARK
import: from AS58321 accept AS-OXYLION-GLOBAL
mp-import: afi ipv6 from AS58321 accept AS-OXYLION-GLOBAL
import: from AS58323 accept AS-COMNET-GMBH
mp-import: afi ipv6 from AS58323 accept AS-COMNET-GMBH
import: from AS58325 accept AS58325:AS-ALL
mp-import: afi ipv6 from AS58325 accept AS58325:AS-ALL
import: from AS58349 accept AS-INNETRA
mp-import: afi ipv6 from AS58349 accept AS-INNETRA
import: from AS58453 accept AS58453:AS-CMI-ALL
mp-import: afi ipv6 from AS58453 accept AS58453:AS-CMI-ALL
import: from AS58495 accept AS-HSP
mp-import: afi ipv6 from AS58495 accept AS-HSP
import: from AS58511 accept AS-CIT
mp-import: afi ipv6 from AS58511 accept AS-CIT
import: from AS58682 accept AS-58682
mp-import: afi ipv6 from AS58682 accept AS-58682
import: from AS58807 accept AS58807:AS-GLOBAL
mp-import: afi ipv6 from AS58807 accept AS58807:AS-GLOBAL
import: from AS58907 accept AS58907
mp-import: afi ipv6 from AS58907 accept AS58907
import: from AS59110 accept AS-BPS
mp-import: afi ipv6 from AS59110 accept AS-BPS
import: from AS59125 accept AS-CYBERHOME1
mp-import: afi ipv6 from AS59125 accept AS-CYBERHOME1
import: from AS59126 accept AS-NCT
mp-import: afi ipv6 from AS59126 accept AS-NCT
import: from AS59253 accept AS-LEASEWEB-APAC
mp-import: afi ipv6 from AS59253 accept AS-LEASEWEB-APAC
import: from AS59278 accept AS59278
mp-import: afi ipv6 from AS59278 accept AS59278
import: from AS59325 accept AS59325:AS-CUSTOMERS
mp-import: afi ipv6 from AS59325 accept AS59325:AS-CUSTOMERS
import: from AS59432 accept AS-GINERNET
mp-import: afi ipv6 from AS59432 accept AS-GINERNET
import: from AS59437 accept AS-NORTHERNDATA
mp-import: afi ipv6 from AS59437 accept AS-NORTHERNDATA
```

November 5, 2024 10:08 PM

```
mp-import: afi ipv4 from AS59455 accept AS-GINERNET
import: from AS59455 accept AS-NORTHERDATA
mp-import: afi ipv4 from AS59455 accept AS-NORTHERDATA
import: from AS59455 accept AS-CSG
mp-import: afi ipv6 from AS59455 accept AS-CSG
import: from AS59504 accept AS59504
mp-import: afi ipv6 from AS59504 accept AS59504
import: from AS59507 accept AS-TLN
mp-import: afi ipv6 from AS59507 accept AS-TLN
import: from AS59565 accept AS59565
mp-import: afi ipv6 from AS59565 accept AS59565
import: from AS59580 accept AS59580
mp-import: afi ipv6 from AS59580 accept AS59580
import: from AS59584 accept AS-INDIKOM
mp-import: afi ipv6 from AS59584 accept AS-INDIKOM
import: from AS59589 accept AS-NOVITA
mp-import: afi ipv6 from AS59589 accept AS-NOVITA
import: from AS59605 accept AS-ZAINGP
mp-import: afi ipv6 from AS59605 accept AS-ZAINGP
import: from AS59642 accept AS59642:AS-CHERRYSERVERSORG
mp-import: afi ipv6 from AS59642 accept AS59642:AS-CHERRYSERVERSORG
import: from AS59649 accept AS59649
mp-import: afi ipv6 from AS59649 accept AS59649
import: from AS59659 accept AS-SECURUS
mp-import: afi ipv6 from AS59659 accept AS-SECURUS
import: from AS59675 accept AS-MYWIRENET
mp-import: afi ipv6 from AS59675 accept AS-MYWIRENET
import: from AS59692 accept AS59692:AS-IQWEB
mp-import: afi ipv6 from AS59692 accept AS59692:AS-IQWEB
import: from AS59698 accept AS59698
mp-import: afi ipv6 from AS59698 accept AS59698
import: from AS59782 accept AS59782
mp-import: afi ipv6 from AS59782 accept AS59782
import: from AS59793 accept AS-CISP
mp-import: afi ipv6 from AS59793 accept AS-CISP
import: from AS59796 accept AS-STORMWALL-SET
mp-import: afi ipv6 from AS59796 accept AS-STORMWALL-SET
import: from AS59811 accept AS-VONEUS
mp-import: afi ipv6 from AS59811 accept AS-VONEUS
import: from AS59865 accept AS-IVMOB
mp-import: afi ipv6 from AS59865 accept AS-IVMOB
import: from AS59866 accept AS-AKD
mp-import: afi ipv6 from AS59866 accept AS-AKD
import: from AS59905 accept AS59905
mp-import: afi ipv6 from AS59905 accept AS59905
import: from AS59908 accept AS-ISLALINK
mp-import: afi ipv6 from AS59908 accept AS-ISLALINK
import: from AS59930 accept AS59930
mp-import: afi ipv6 from AS59930 accept AS59930
import: from AS59949 accept AS-TEL2TEL
mp-import: afi ipv6 from AS59949 accept AS-TEL2TEL
import: from AS60022 accept AS-SONA
mp-import: afi ipv6 from AS60022 accept AS-SONA-V6
import: from AS60032 accept AS-CORIOLISCS
mp-import: afi ipv6 from AS60032 accept AS-CORIOLISCS
import: from AS60051 accept AS-DMCC
mp-import: afi ipv6 from AS60051 accept AS-DMCC
import: from AS60064 accept AS-HOSTPALACE
mp-import: afi ipv6 from AS60064 accept AS-HOSTPALACE
import: from AS60068 accept AS-CDN77
mp-import: afi ipv6 from AS60068 accept AS-CDN77
import: from AS60094 accept AS60094
mp-import: afi ipv6 from AS60094 accept AS60094
import: from AS60098 accept AS-INSITINVEST
mp-import: afi ipv6 from AS60098 accept AS-INSITINVEST
import: from AS60144 accept AS-3W-INFRA
mp-import: afi ipv6 from AS60144 accept AS-3W-INFRA
import: from AS60154 accept AS-CONNECTRIA-NA
mp-import: afi ipv6 from AS60154 accept AS-CONNECTRIA-NA
import: from AS60159 accept AS-EUROLINE-UA
mp-import: afi ipv6 from AS60159 accept AS-EUROLINE-UA
```

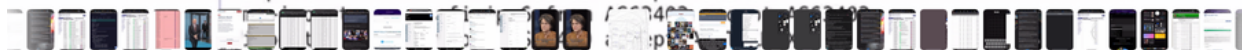



```
import: from AS-INSITINVEST
mp-import: afi ipv6 from AS-INSITINVEST
import: from AS-3W-INFRA
mp-import: afi ipv6 from AS60144 accept AS-3W-INFRA
import: from AS60154 accept AS-CONNECTRIA-NA
mp-import: afi ipv6 from AS60154 accept AS-CONNECTRIA-NA
import: from AS60159 accept AS-EUROLINE-UA
mp-import: afi ipv6 from AS60159 accept AS-EUROLINE-UA
import: from AS60169 accept AS60169:AS-GFIT
mp-import: afi ipv6 from AS60169 accept AS60169:AS-GFIT
import: from AS60268 accept AS60268
mp-import: afi ipv6 from AS60268 accept AS60268
import: from AS60284 accept AS60284:AS-AXSY
mp-import: afi ipv6 from AS60284 accept AS60284:AS-AXSY
import: from AS60294 accept AS-DGW
mp-import: afi ipv6 from AS60294 accept AS-DGW
import: from AS60350 accept AS-VP
mp-import: afi ipv6 from AS60350 accept AS-VP
import: from AS60354 accept AS-RICHIE
mp-import: afi ipv6 from AS60354 accept AS-RICHIE
import: from AS60376 accept AS60376
mp-import: afi ipv6 from AS60376 accept AS60376
import: from AS60385 accept AS60385
import: from AS60388 accept AS-SIGMA-TELECOM
mp-import: afi ipv6 from AS60388 accept AS-SIGMA-TELECOM
import: from AS60436 accept AS-KBC-DCBE
mp-import: afi ipv6 from AS60436 accept AS-KBC-DCBE
import: from AS60447 accept AS-I-NET
mp-import: afi ipv6 from AS60447 accept AS-I-NET
import: from AS60475 accept AS-XMATICA
mp-import: afi ipv6 from AS60475 accept AS-XMATICA
import: from AS60476 accept AS-MAILRU
mp-import: afi ipv6 from AS60476 accept AS-MAILRU
import: from AS60486 accept AS-SWISSNET
mp-import: afi ipv6 from AS60486 accept AS-SWISSNET
import: from AS60517 accept AS-CABLEVISION
mp-import: afi ipv6 from AS60517 accept AS-CABLEVISION
import: from AS60544 accept AS60544
mp-import: afi ipv6 from AS60544 accept AS60544
import: from AS60550 accept AS60550:AS-DEEPL
mp-import: afi ipv6 from AS60550 accept AS60550:AS-DEEPL
import: from AS60610 accept AS-EVERESTDATA
mp-import: afi ipv6 from AS60610 accept AS-EVERESTDATA
import: from AS60626 accept AS60626
mp-import: afi ipv6 from AS60626 accept AS60626
import: from AS60636 accept AS-016
import: from AS60664 accept AS60664
mp-import: afi ipv6 from AS60664 accept AS60664
import: from AS60684 accept AS60684
mp-import: afi ipv6 from AS60684 accept AS60684
import: from AS60733 accept AS-PERKE-NET-INT
mp-import: afi ipv6 from AS60733 accept AS-PERKE-NET-INT
import: from AS60764 accept AS-TKTEL
mp-import: afi ipv6 from AS60764 accept AS-TKTEL
import: from AS60772 accept AS60772
mp-import: afi ipv6 from AS60772 accept AS60772
import: from AS60781 accept AS-LEASEWEB-NL
mp-import: afi ipv6 from AS60781 accept AS-LEASEWEB-NL
import: from AS60796 accept AS60796
mp-import: afi ipv6 from AS60796 accept AS60796
import: from AS60800 accept AS-NETWISE
mp-import: afi ipv6 from AS60800 accept AS-NETWISE
import: from AS60822 accept AS-WISPONE
mp-import: afi ipv6 from AS60822 accept AS-WISPONE
import: from AS60893 accept AS-A0A
mp-import: afi ipv6 from AS60893 accept AS-A0A
import: from AS60917 accept AS-60917
mp-import: afi ipv6 from AS60917 accept AS-60917
import: from AS60922 accept AS-VARITI
mp-import: afi ipv6 from AS60922 accept AS-VARITI
import: from AS61029 accept AS-BITENCY
mp-import: afi ipv6 from AS61029 accept AS-BITENCY
import: from AS61029 accept AS-BITENCY
```





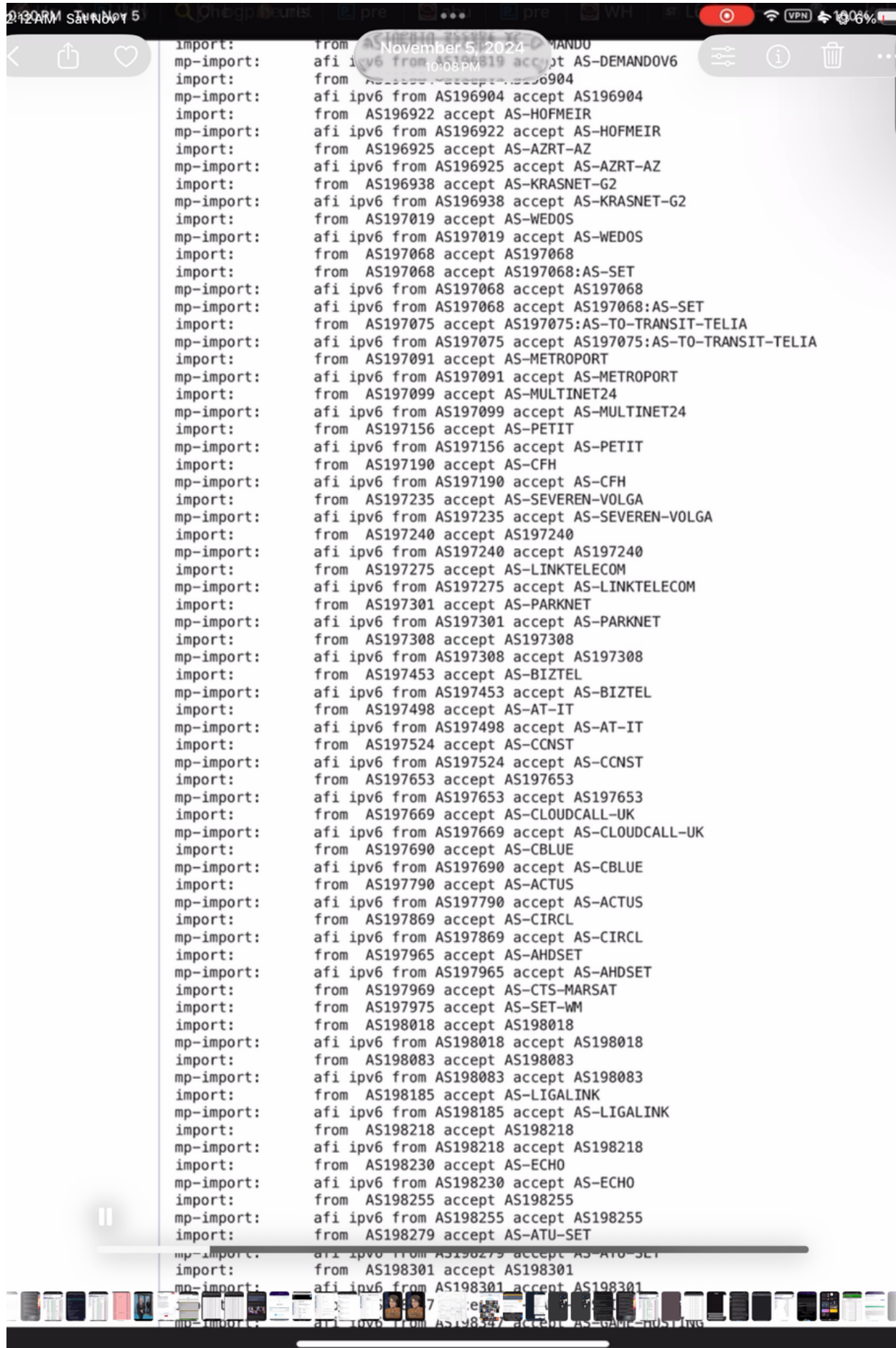
mp-import: afi ipv6 from AS62255:AS-BERYL
import: from AS62255:AS-BERYL
mp-import: afi ipv6 from AS62294 accept AS-NHM
import: from AS62294 accept AS62294
mp-import: afi ipv6 from AS62294 accept AS62294
import: from AS62313 accept AS62313
mp-import: afi ipv6 from AS62313 accept AS62313
import: from AS62336 accept AS-PURTEL
mp-import: afi ipv6 from AS62336 accept AS-PURTEL
import: from AS62366 accept AS62366
mp-import: afi ipv6 from AS62366 accept AS62366
import: from AS62390 accept AS62390:AS-ALL
mp-import: afi ipv6 from AS62390 accept AS62390:AS-ALL
import: from AS62410 accept AS-SET-LN
mp-import: afi ipv6 from AS62410 accept AS-SET-LN
import: from AS62429 accept AS-CSTNET
mp-import: afi ipv6 from AS62429 accept AS-CSTNET
import: from AS62537 accept AS62537
mp-import: afi ipv6 from AS62537 accept AS62537
import: from AS62597 accept AS-NSONE
mp-import: afi ipv6 from AS62597 accept AS-NSONE
import: from AS62600 accept AS62600:AS-CONE
mp-import: afi ipv6 from AS62600 accept AS62600:AS-CONE
import: from AS62624 accept AS62624
mp-import: afi ipv6 from AS62624 accept AS62624
import: from AS62642 accept AS-BIGLEAF
mp-import: afi ipv6 from AS62642 accept AS-BIGLEAF
import: from AS62698 accept AS62698
mp-import: afi ipv6 from AS62698 accept AS62698
import: from AS62713 accept AS62713
mp-import: afi ipv6 from AS62713 accept AS62713
import: from AS62759 accept AS62759
mp-import: afi ipv6 from AS62759 accept AS62759
import: from AS62782 accept AS62782
mp-import: afi ipv6 from AS62782 accept AS62782
import: from AS62856 accept AS-DOCUSIGN-PEERING
mp-import: afi ipv6 from AS62856 accept AS-DOCUSIGN-PEERING
import: from AS62887 accept AS-WHITESKY
mp-import: afi ipv6 from AS62887 accept AS-WHITESKY
import: from AS62904 accept AS62904
mp-import: afi ipv6 from AS62904 accept AS62904
import: from AS62913 accept AS-AS62913
mp-import: afi ipv6 from AS62913 accept AS-AS62913
import: from AS62917 accept AS-GIGABITCO-TRANSIT
mp-import: afi ipv6 from AS62917 accept AS-GIGABITCO-TRANSIT
import: from AS62935 accept AS-DNI-CUSTOMERS
mp-import: afi ipv6 from AS62943 accept AS-BLUEBIRD
import: from AS62943 accept AS-BLUEBIRD
mp-import: afi ipv6 from AS62955 accept AS-EBAYMTBB
import: from AS62955 accept AS-EBAYMTBB
import: from AS63029 accept AS63029
mp-import: afi ipv6 from AS63086 accept AS63086
import: from AS63086 accept AS63086
mp-import: afi ipv6 from AS63113 accept AS-GLOBECORP
import: from AS63113 accept AS-GLOBECORP
mp-import: afi ipv6 from AS63139 accept AS63139:AS-CUSTOMER
import: from AS63139 accept AS63139:AS-CUSTOMER
mp-import: afi ipv6 from AS63179 accept AS-TWITTER
import: from AS63179 accept AS-TWITTER
mp-import: afi ipv6 from AS63182 accept AS-RAPIDSCALE-ALL
import: from AS63182 accept AS-RAPIDSCALE-ALL
mp-import: afi ipv6 from AS63199 accept AS-CAPITALONLINEDATA
import: from AS63199 accept AS-CAPITALONLINEDATA
mp-import: afi ipv6 from AS63270 accept AS-AERUX
import: from AS63270 accept AS-AERUX
mp-import: afi ipv6 from AS63339 accept AS-NETROUTING
import: from AS63339 accept AS-NETROUTING
mp-import: afi ipv6 from AS63370 accept AS63370:AS-ALL
import: from AS63370 accept AS63370:AS-ALL
mp-import: afi ipv6 from AS63399 accept AS-DIALPAD
import: from AS63399 accept AS-DIALPAD
mp-import: afi ipv6 from AS63403 accept AS63403
import: from AS63403 accept AS63403



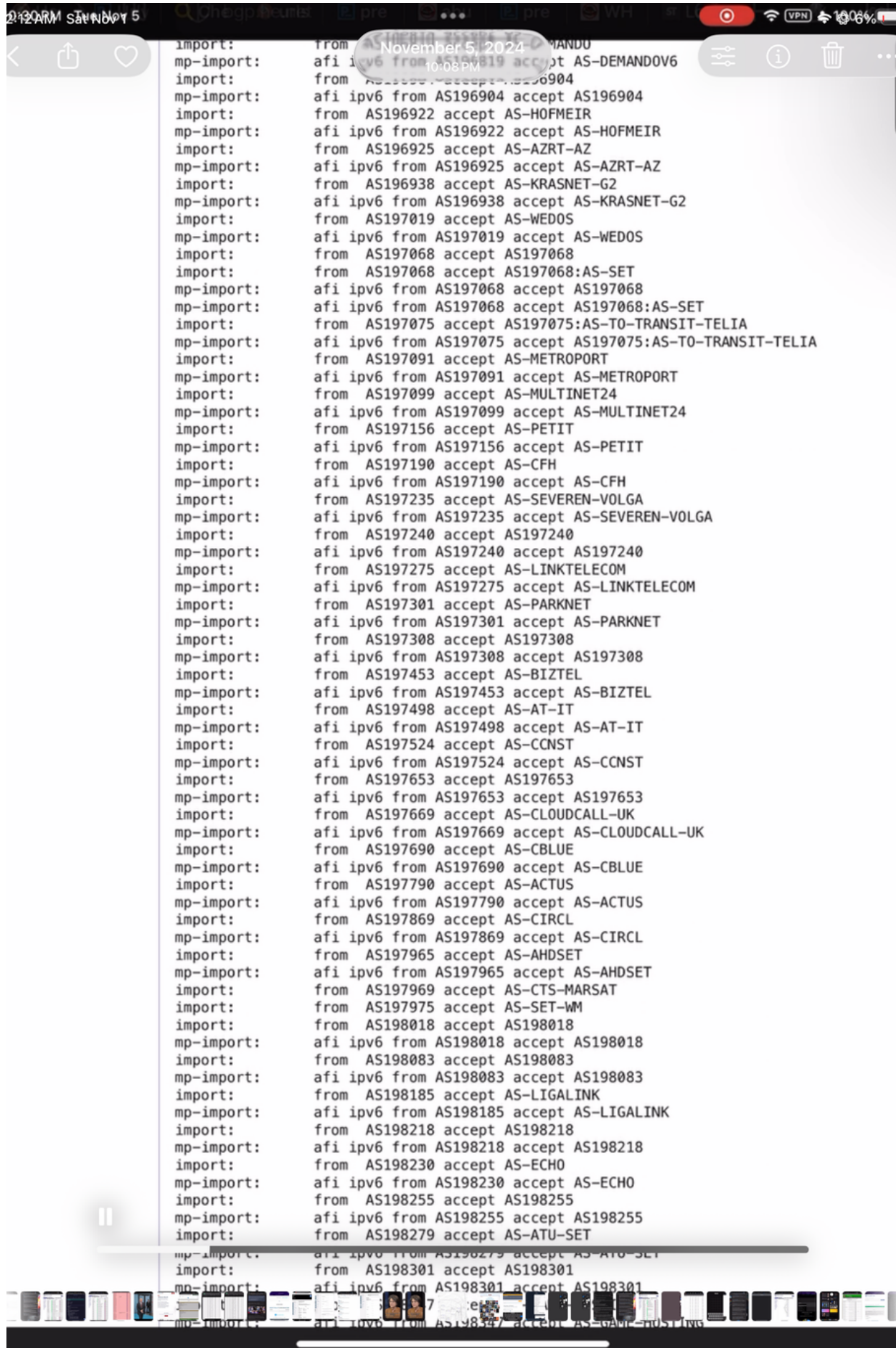
2:12 AM Saturday 5
November 5, 2024 10:08 PM
bgp.he.net

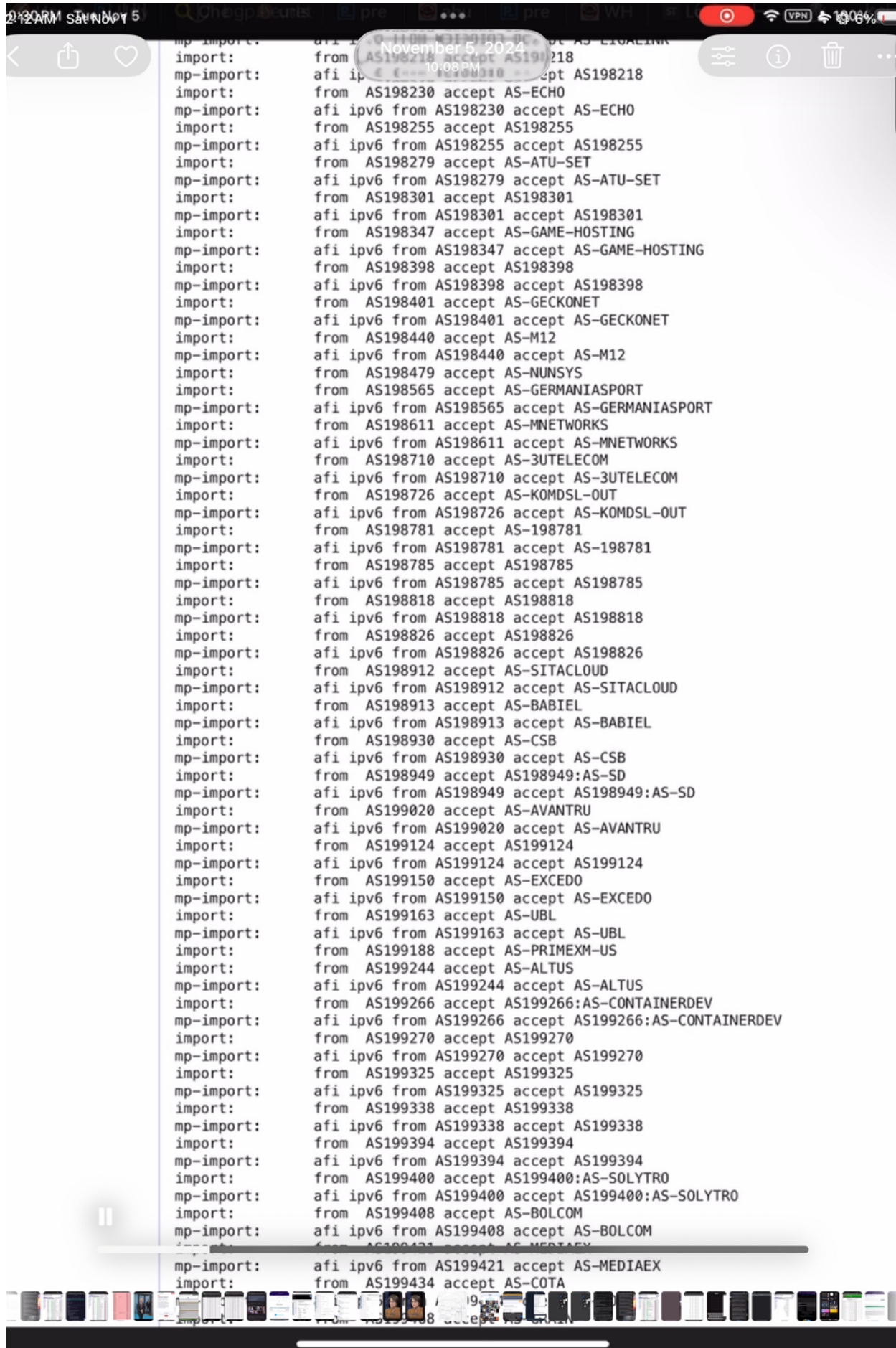
```
import: from AS133104 accept AS-INSTRA
mp-import: afi ipv6 from AS133104 accept AS-INSTRA
import: from AS133385 accept AS133385:AS-CUSTOMERS
mp-import: afi ipv6 from AS133385 accept AS133385:AS-CUSTOMERS
import: from AS133952 accept AS133952
mp-import: afi ipv6 from AS133952 accept AS133952
import: from AS134094 accept AS-SET-SERVERFIELD
mp-import: afi ipv6 from AS134094 accept AS-SET-SERVERFIELD
import: from AS134497 accept AS134497
mp-import: afi ipv6 from AS134497 accept AS134497
import: from AS134521 accept AS-DIALPAD
mp-import: afi ipv6 from AS134521 accept AS-DIALPAD
import: from AS135069 accept AS-FEENIX-RADB
mp-import: afi ipv6 from AS135069 accept AS-FEENIX-RADB
import: from AS135158 accept AS-SOFTNET-HK
mp-import: afi ipv6 from AS135158 accept AS-SOFTNET-HK
import: from AS135273 accept AS-135273
mp-import: afi ipv6 from AS135273 accept AS-135273
import: from AS135354 accept AS-NBP
mp-import: afi ipv6 from AS135354 accept AS-NBP
import: from AS135377 accept AS135377
mp-import: afi ipv6 from AS135377 accept AS135377
import: from AS135391 accept AS-AOFEI-INTL
mp-import: afi ipv6 from AS135391 accept AS-AOFEI-INTL
import: from AS135423 accept AS-TIM-CUSTOMERS
mp-import: afi ipv6 from AS135423 accept AS-TIM-CUSTOMERS
import: from AS136106 accept AS-FIBERSTAR
mp-import: afi ipv6 from AS136106 accept AS-FIBERSTAR
import: from AS136119 accept AS136119:AS-SET-BALIFIBER
mp-import: afi ipv6 from AS136119 accept AS136119:AS-SET-BALIFIBER
import: from AS136468 accept AS136468
mp-import: afi ipv6 from AS136468 accept AS136468
import: from AS136744 accept AS136744
mp-import: afi ipv6 from AS136744 accept AS136744
import: from AS136838 accept AS136838:AS-BITEK-NAP-ID
mp-import: afi ipv6 from AS136838 accept AS136838:AS-BITEK-NAP-ID
import: from AS136897 accept AS-136897
mp-import: afi ipv6 from AS136897 accept AS-136897-NY
import: from AS136907 accept AS136907
mp-import: afi ipv6 from AS136907 accept AS136907
import: from AS136933 accept AS136933:AS-GIGABITBANK-HK
mp-import: afi ipv6 from AS136933 accept AS136933:AS-GIGABITBANK-HK
import: from AS137239 accept AS137239
mp-import: afi ipv6 from AS137239 accept AS137239
import: from AS137272 accept AS137272
mp-import: afi ipv6 from AS137272 accept AS137272
import: from AS137366 accept AS137366:AS-IFORTENAP
mp-import: afi ipv6 from AS137366 accept AS137366:AS-IFORTENAP
import: from AS137831 accept AS137831:AS-ALL
mp-import: afi ipv6 from AS137831 accept AS137831:AS-ALL
import: from AS138379 accept AS138379
mp-import: afi ipv6 from AS138379 accept AS138379
import: from AS138384 accept AS138384:AS-RMI
mp-import: afi ipv6 from AS138384 accept AS138384:AS-RMI
import: from AS138915 accept AS138915:AS-CUSTOMER
mp-import: afi ipv6 from AS138915 accept AS138915:AS-CUSTOMER
import: from AS138987 accept AS138987
mp-import: afi ipv6 from AS138987 accept AS138987
import: from AS139057 accept AS139057
mp-import: afi ipv6 from AS139057 accept AS139057
import: from AS139341 accept AS139341:AS-ACE
mp-import: afi ipv6 from AS139341 accept AS139341:AS-ACE
import: from AS139628 accept AS-139628-TRANSIT
mp-import: afi ipv6 from AS139628 accept AS-139628-TRANSIT
```


The image is a screenshot of a network configuration application, likely for a router or switch. The interface is divided into several sections. At the top, there is a status bar with system icons like signal strength, Wi-Fi, VPN, and battery level (100%). Below this, a navigation bar contains icons for back, home, and search. The main content area displays a list of BGP import rules. A date overlay 'November 5, 2024' is positioned at the top center of the list. The list has three columns: 'Import', 'From', and 'To'. The 'Import' column lists various BGP prefixes and their associated ASes. The 'From' column lists the source ASes. The 'To' column lists the destination ASes. The rules are sorted by the 'To' column. The bottom of the screen shows a dock with various application icons, including a file manager, a web browser, and a terminal. The overall theme is light gray with blue accents.



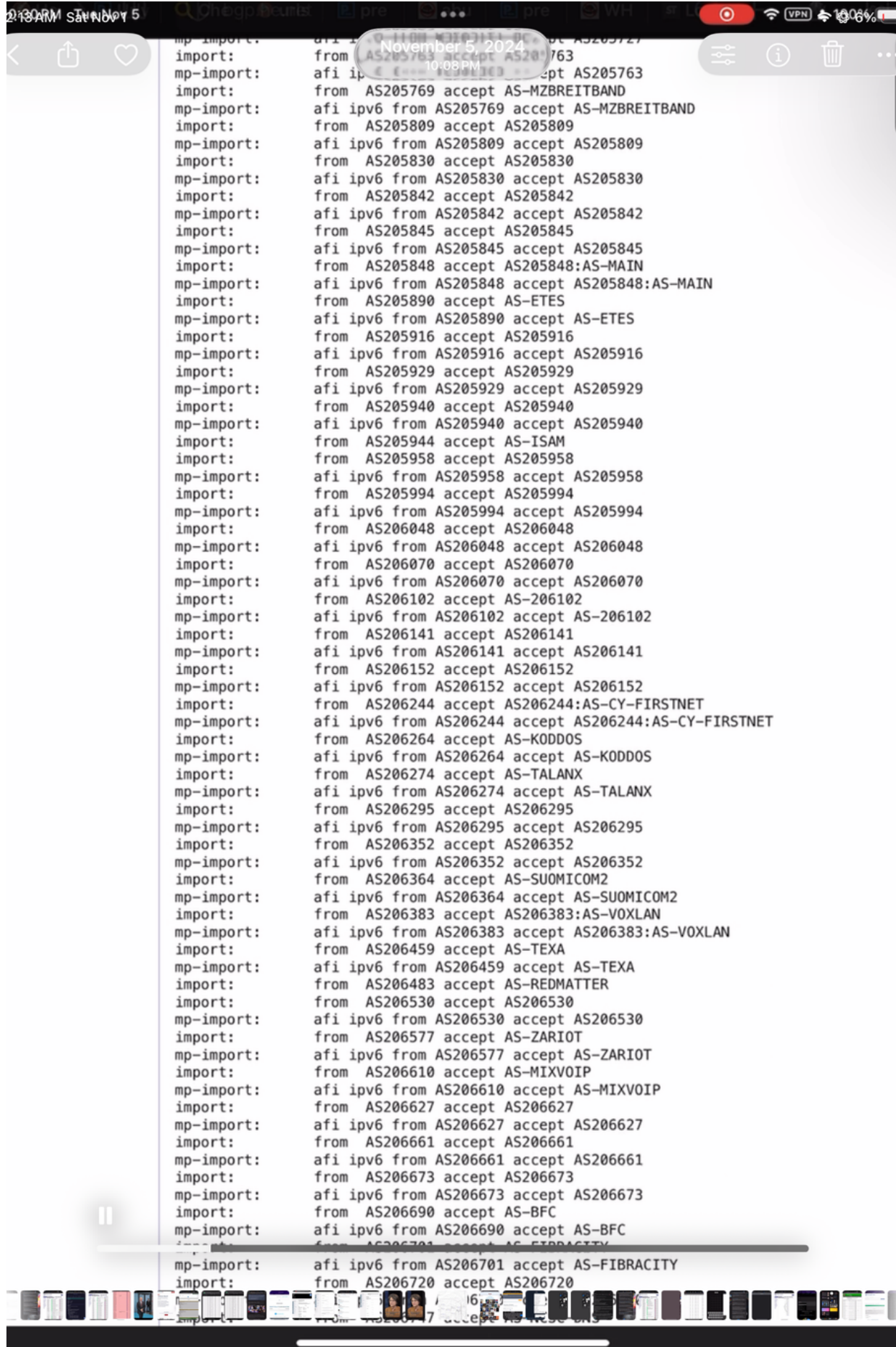

```
2:42 AM Saturday 5 November 5, 2024 10:08 PM
mp-import: afi ipv6 from AS199400 accept AS-SOLCOM
import: from AS199400 accept AS-SOLCOM
mp-import: afi ipv6 from AS199400 accept AS-BOLCOM
import: from AS199421 accept AS-MEDIAEX
mp-import: afi ipv6 from AS199421 accept AS-MEDIAEX
import: from AS199434 accept AS-COTA
mp-import: afi ipv6 from AS199434 accept AS-COTA
import: from AS199468 accept AS-GRAIN
mp-import: afi ipv6 from AS199468 accept AS-GRAIN
import: from AS199508 accept AS-SINET
mp-import: afi ipv6 from AS199508 accept AS-SINET
import: from AS199524 accept AS-GCORE
mp-import: afi ipv6 from AS199524 accept AS-GCORE
import: from AS199540 accept AS199540
mp-import: afi ipv6 from AS199540 accept AS199540
import: from AS199544 accept AS-REMOTE24-SET
mp-import: afi ipv6 from AS199544 accept AS-REMOTE24-SET
import: from AS199599 accept AS199599
mp-import: afi ipv6 from AS199599 accept AS199599
import: from AS199610 accept AS199610:AS-MARBIS
mp-import: afi ipv6 from AS199610 accept AS199610:AS-MARBIS
import: from AS199635 accept AS-NEXTTELL-MSK
mp-import: afi ipv6 from AS199635 accept AS-NEXTTELL-MSK
import: from AS199653 accept AS199653
mp-import: afi ipv6 from AS199653 accept AS199653
import: from AS199669 accept AS-ATLEX
mp-import: afi ipv6 from AS199669 accept AS-ATLEX
import: from AS199716 accept AS199716:AS-BLETCHLEY
mp-import: afi ipv6 from AS199716 accept AS199716:AS-BLETCHLEY
import: from AS199733 accept AS-EXTRAHOST4
mp-import: afi ipv6 from AS199733 accept AS-EXTRAHOST4
import: from AS199753 accept AS-UDMEDIA
mp-import: afi ipv6 from AS199753 accept AS-UDMEDIA
import: from AS199790 accept AS-IPTELECOMBG
mp-import: afi ipv6 from AS199790 accept AS-IPTELECOMBG
import: from AS199801 accept AS-BDOAG
import: from AS199803 accept AS-COMSOURCE
mp-import: afi ipv6 from AS199803 accept AS-COMSOURCE
import: from AS199805 accept AS-UGO
mp-import: afi ipv6 from AS199805 accept AS-UGO
import: from AS199811 accept AS-WX
mp-import: afi ipv6 from AS199811 accept AS-WX
import: from AS199839 accept AS199839:AS-ALL
mp-import: afi ipv6 from AS199839 accept AS199839:AS-ALL
import: from AS199883 accept AS199883
mp-import: afi ipv6 from AS199883 accept AS199883
import: from AS199888 accept AS-PL-RAJF
mp-import: afi ipv6 from AS199888 accept AS-PL-RAJF
import: from AS199926 accept AS199926
mp-import: afi ipv6 from AS199926 accept AS199926
import: from AS199938 accept AS-NETZWERGE
mp-import: afi ipv6 from AS199938 accept AS-NETZWERGE
import: from AS199995 accept AS199995:AS-EXT
mp-import: afi ipv6 from AS199995 accept AS199995:AS-EXT
import: from AS200005 accept AS-AKAMAI
mp-import: afi ipv6 from AS200005 accept AS-AKAMAI
import: from AS200015 accept AS-LIVETEX
mp-import: afi ipv6 from AS200015 accept AS-LIVETEX
import: from AS200052 accept AS-FERAL
mp-import: afi ipv6 from AS200052 accept AS-FERAL
import: from AS200070 accept AS-CZNIC-TRANSIT
mp-import: afi ipv6 from AS200070 accept AS-CZNIC-TRANSIT
import: from AS200081 accept AS200081
mp-import: afi ipv6 from AS200081 accept AS200081
import: from AS200107 accept AS-KDP
mp-import: afi ipv6 from AS200107 accept AS-KDP
import: from AS200110 accept AS200110
mp-import: afi ipv6 from AS200110 accept AS200110
import: from AS200161 accept AS-DATAPRO
mp-import: afi ipv6 from AS200161 accept AS-DATAPRO
import: from AS200185 accept AS-ARUBAIT
mp-import: afi ipv6 from AS200185 accept AS-ARUBAIT
import: from AS200217 accept AS200217
```



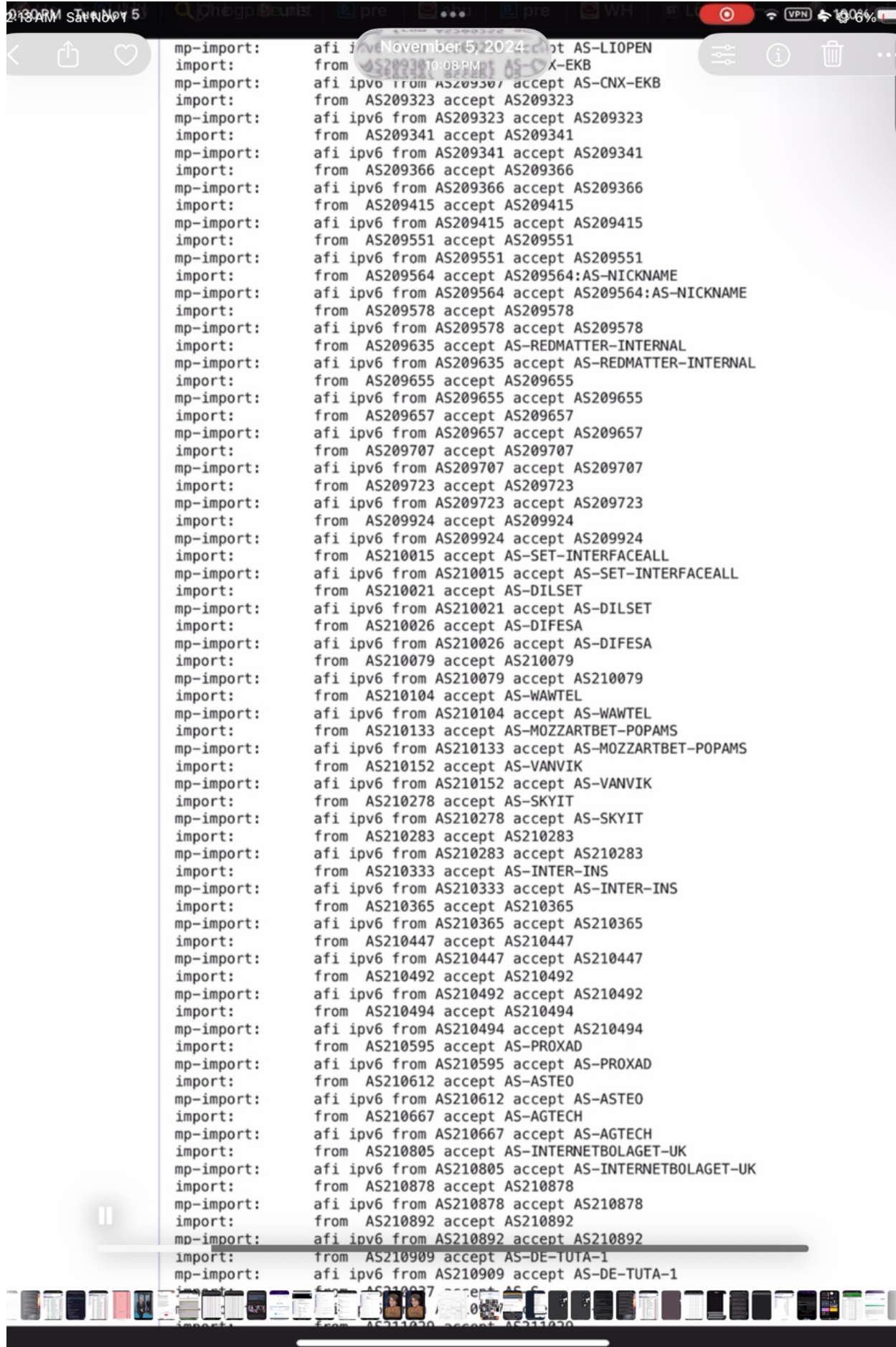


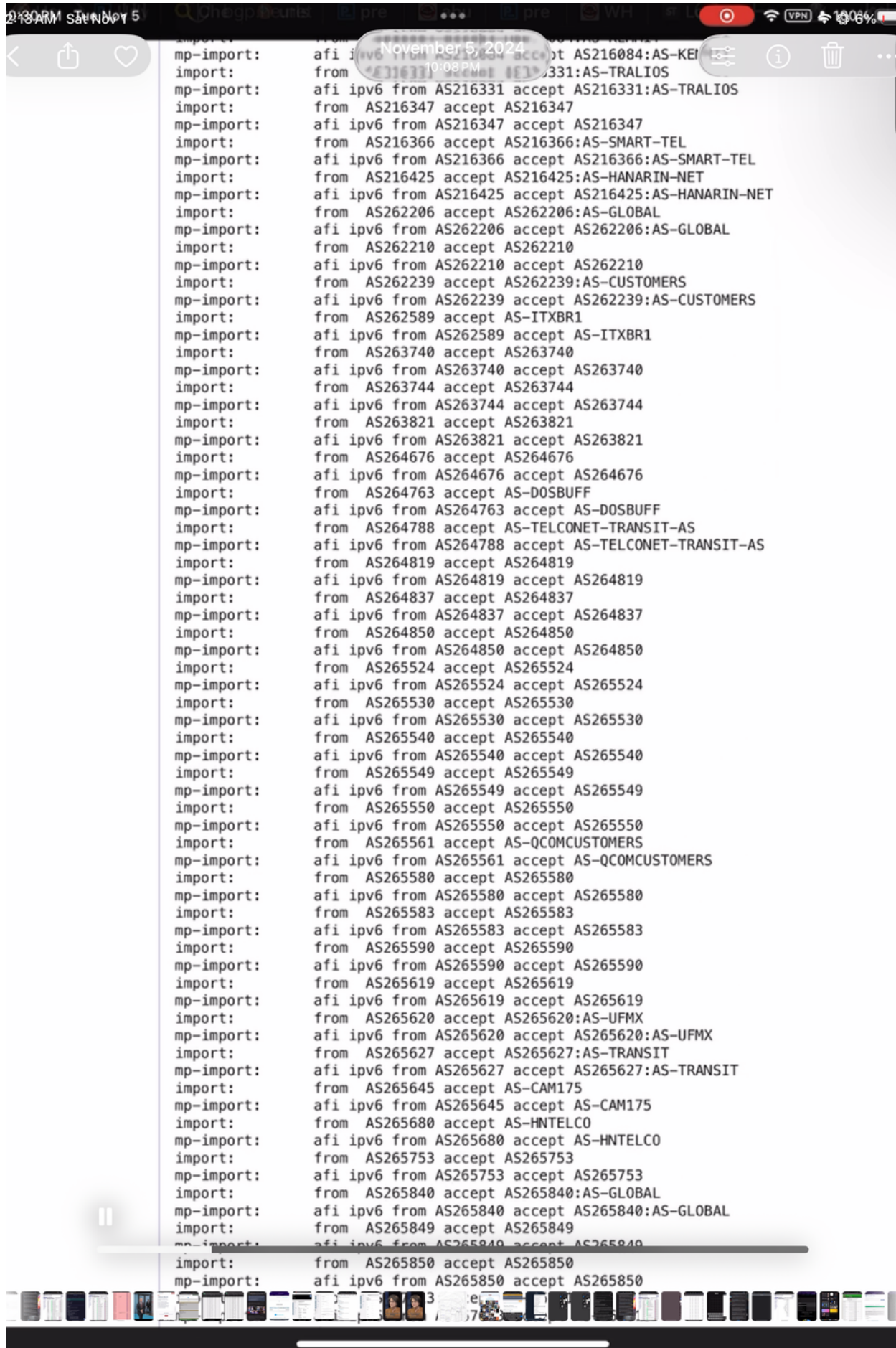














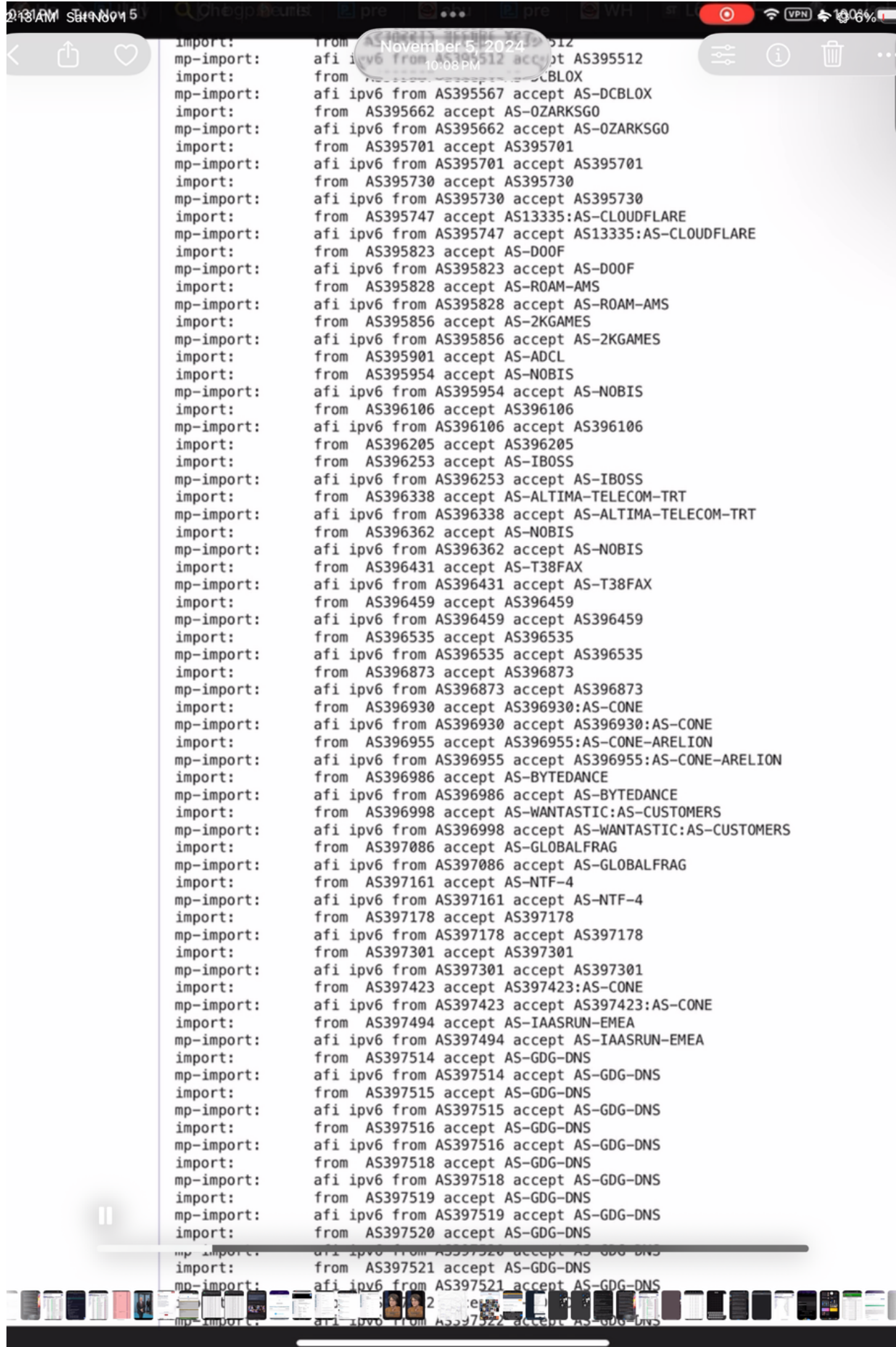

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mp-import:      afi ipv6 from AS212605 accept AS-INTERNETBOL
import:         from AS212605 accept AS-INTERNETBOL
mp-import:      afi ipv6 from AS212605 accept AS-NETCONNECT
import:         from AS212605 accept AS-NETCONNECT
import:         from AS212917 accept AS-GREENER
mp-import:      afi ipv6 from AS212917 accept AS-GREENER
import:         from AS212961 accept AS-JUNGHEINRICH
mp-import:      afi ipv6 from AS212961 accept AS-JUNGHEINRICH
import:         from AS213039 accept AS213039:AS-MIKRAMIX
mp-import:      afi ipv6 from AS213039 accept AS213039:AS-MIKRAMIX
import:         from AS213054 accept AS-KEEPIT-UK-LD
mp-import:      afi ipv6 from AS213054 accept AS-KEEPIT-UK-LD
import:         from AS213134 accept AS213134
mp-import:      afi ipv6 from AS213134 accept AS213134
import:         from AS213138 accept AS213138:AS-ALL
mp-import:      afi ipv6 from AS213138 accept AS213138:AS-ALL
import:         from AS213195 accept AS213195
mp-import:      afi ipv6 from AS213195 accept AS213195
import:         from AS213202 accept AS213202:AS-CSG
mp-import:      afi ipv6 from AS213202 accept AS213202:AS-CSG
import:         from AS213205 accept AS213205:AS-C000LBE
mp-import:      afi ipv6 from AS213205 accept AS213205:AS-C000LBE
import:         from AS213230 accept AS-HETZNER-CLOUD2
mp-import:      afi ipv6 from AS213230 accept AS-HETZNER-CLOUD2
import:         from AS213291 accept AS213291:AS-NEBIUS
mp-import:      afi ipv6 from AS213291 accept AS213291:AS-NEBIUS
import:         from AS213300 accept AS213300
mp-import:      afi ipv6 from AS213300 accept AS213300
import:         from AS213373 accept AS-IPCONN
mp-import:      afi ipv6 from AS213373 accept AS-IPCONN
import:         from AS214002 accept AS214002
mp-import:      afi ipv6 from AS214002 accept AS214002
import:         from AS214159 accept AS214159:AS-ALL
mp-import:      afi ipv6 from AS214159 accept AS214159:AS-ALL
import:         from AS214319 accept AS214319
mp-import:      afi ipv6 from AS214319 accept AS214319
import:         from AS214415 accept AS214415
mp-import:      afi ipv6 from AS214415 accept AS214415
import:         from AS214471 accept AS214471:AS-NEBULA
mp-import:      afi ipv6 from AS214471 accept AS214471:AS-NEBULA
import:         from AS214816 accept AS214816
mp-import:      afi ipv6 from AS214816 accept AS214816
import:         from AS214985 accept AS-DMC24
mp-import:      afi ipv6 from AS214985 accept AS-DMC24
import:         from AS215116 accept AS215116
mp-import:      afi ipv6 from AS215116 accept AS215116
import:         from AS215174 accept AS215174
mp-import:      afi ipv6 from AS215174 accept AS215174
import:         from AS215226 accept AS215226:AS-SIRIUS
mp-import:      afi ipv6 from AS215226 accept AS215226:AS-SIRIUS
import:         from AS215343 accept AS215343:AS-MINJAE
mp-import:      afi ipv6 from AS215343 accept AS215343:AS-MINJAE
import:         from AS215596 accept AS215596:AS-KISSGROUP
mp-import:      afi ipv6 from AS215596 accept AS215596:AS-KISSGROUP
import:         from AS215661 accept AS215661
mp-import:      afi ipv6 from AS215661 accept AS215661
import:         from AS215664 accept AS215664:AS-MULTISERVICERLS
mp-import:      afi ipv6 from AS215664 accept AS215664:AS-MULTISERVICERLS
import:         from AS215782 accept AS215782:AS-KEEPIT-CH-ZH
mp-import:      afi ipv6 from AS215782 accept AS215782:AS-KEEPIT-CH-ZH
import:         from AS215787 accept AS215787:AS-FUSIONFLARE
mp-import:      afi ipv6 from AS215787 accept AS215787:AS-FUSIONFLARE
import:         from AS215853 accept AS215853:AS-BONFORTUNA
mp-import:      afi ipv6 from AS215853 accept AS215853:AS-BONFORTUNA
import:         from AS215859 accept AS-HETZNER-CLOUD4
mp-import:      afi ipv6 from AS215859 accept AS-HETZNER-CLOUD4
import:         from AS215875 accept AS215875
mp-import:      afi ipv6 from AS215875 accept AS215875
import:         from AS216084 accept AS216084:AS-KEMMIT
mp-import:      afi ipv6 from AS216084 accept AS216084:AS-KEMMIT
import:         from AS216331 accept AS216331:AS-TRALIOS
mp-import:      afi ipv6 from AS216331 accept AS216331:AS-TRALIOS
import:         from AS216317 accept AS216317
import:         from AS216366 accept AS216366:AS-CHART-TEL

```





AS40676

Psychz Netwo

AS40934

Fortinet Inc.

AS41095

IPTP LTD

AS43996

Booking.com

AS44356

Epsilon Teleco

AS45489

Sri Lanka Tele

AS45686

INTERNET M

AS45691

DODO-Core-

AS45899

VNPT Corp

AS45903

CMC Telecon

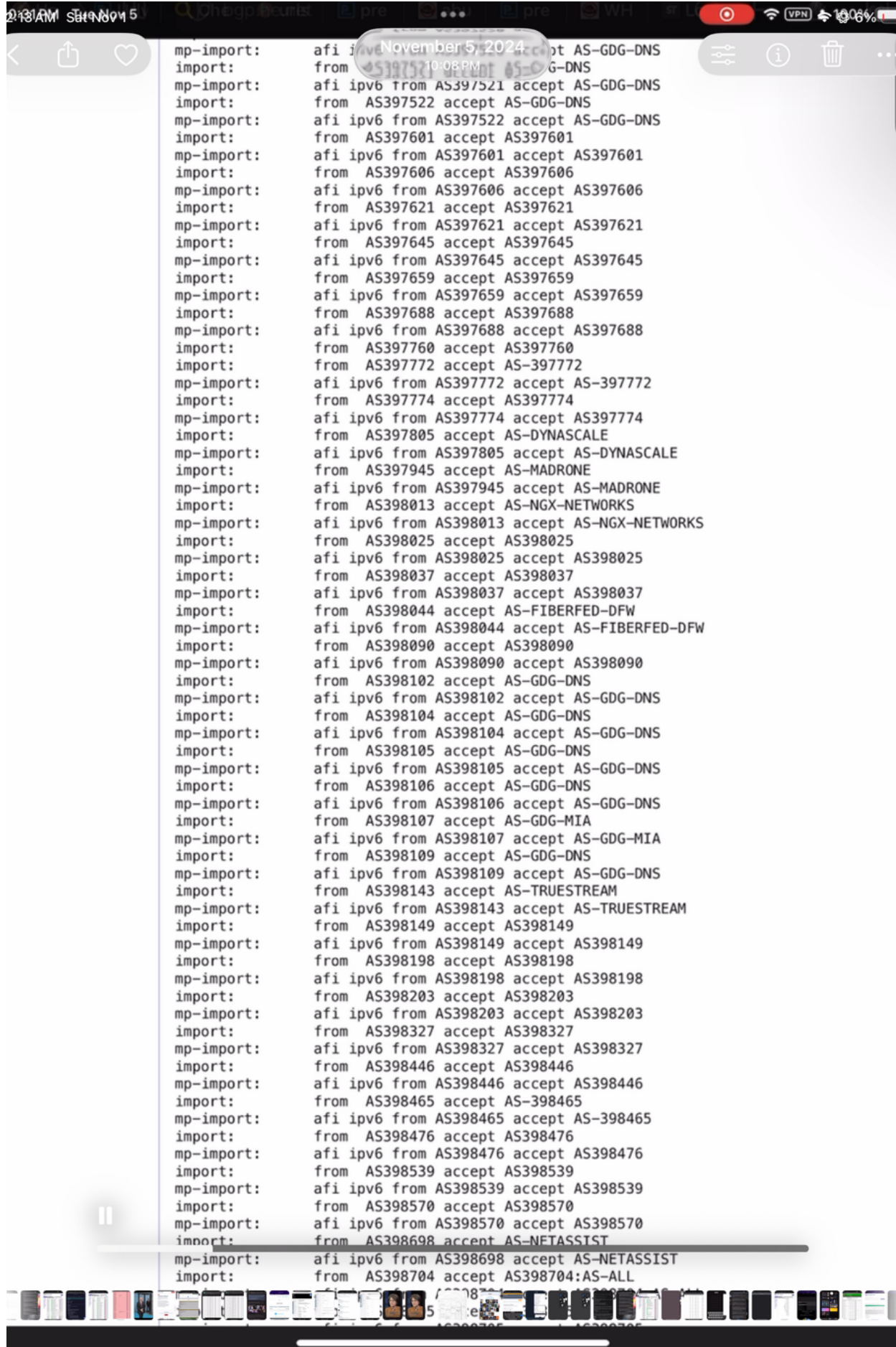
AS46480

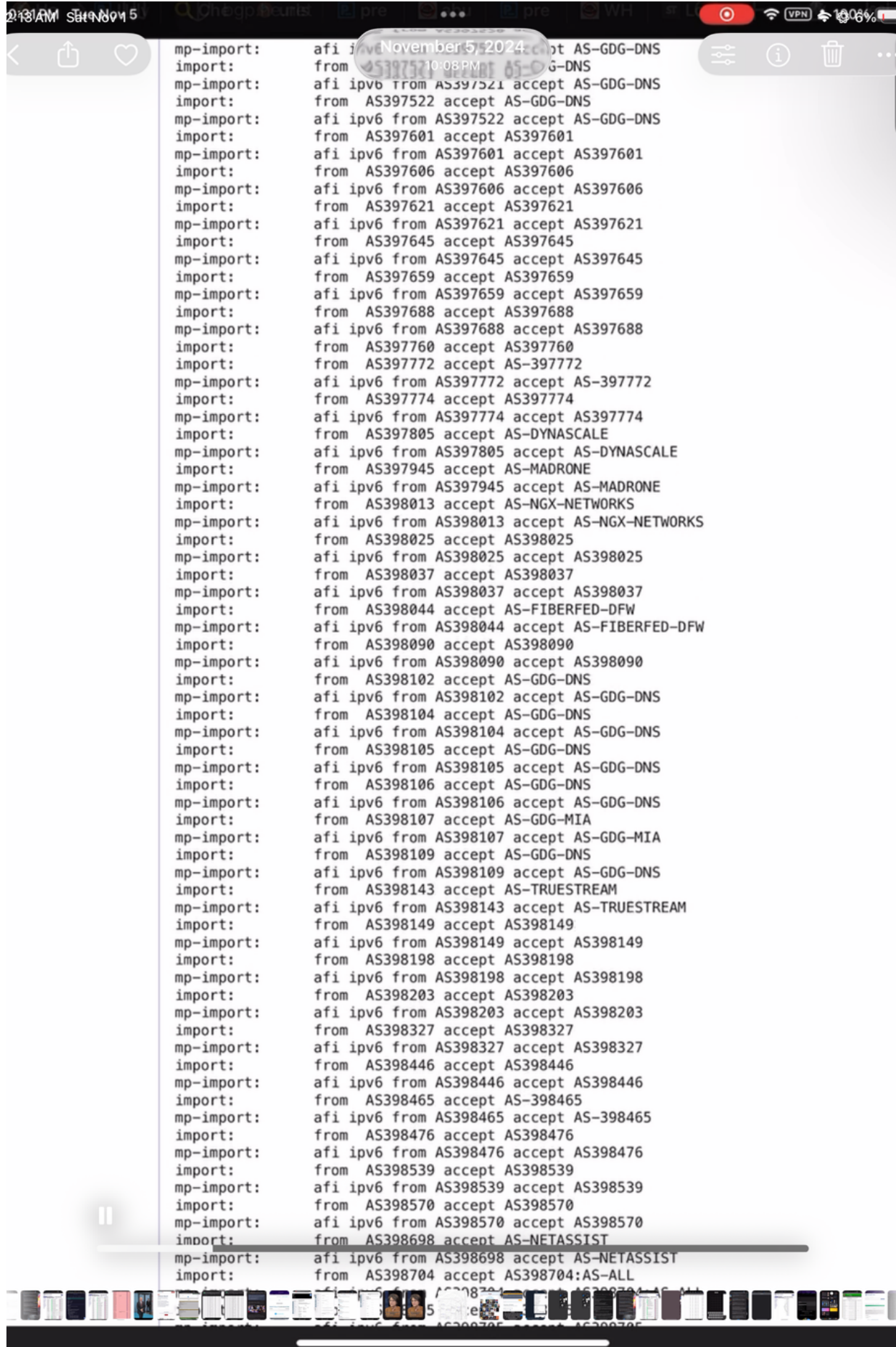
Twitch Intern

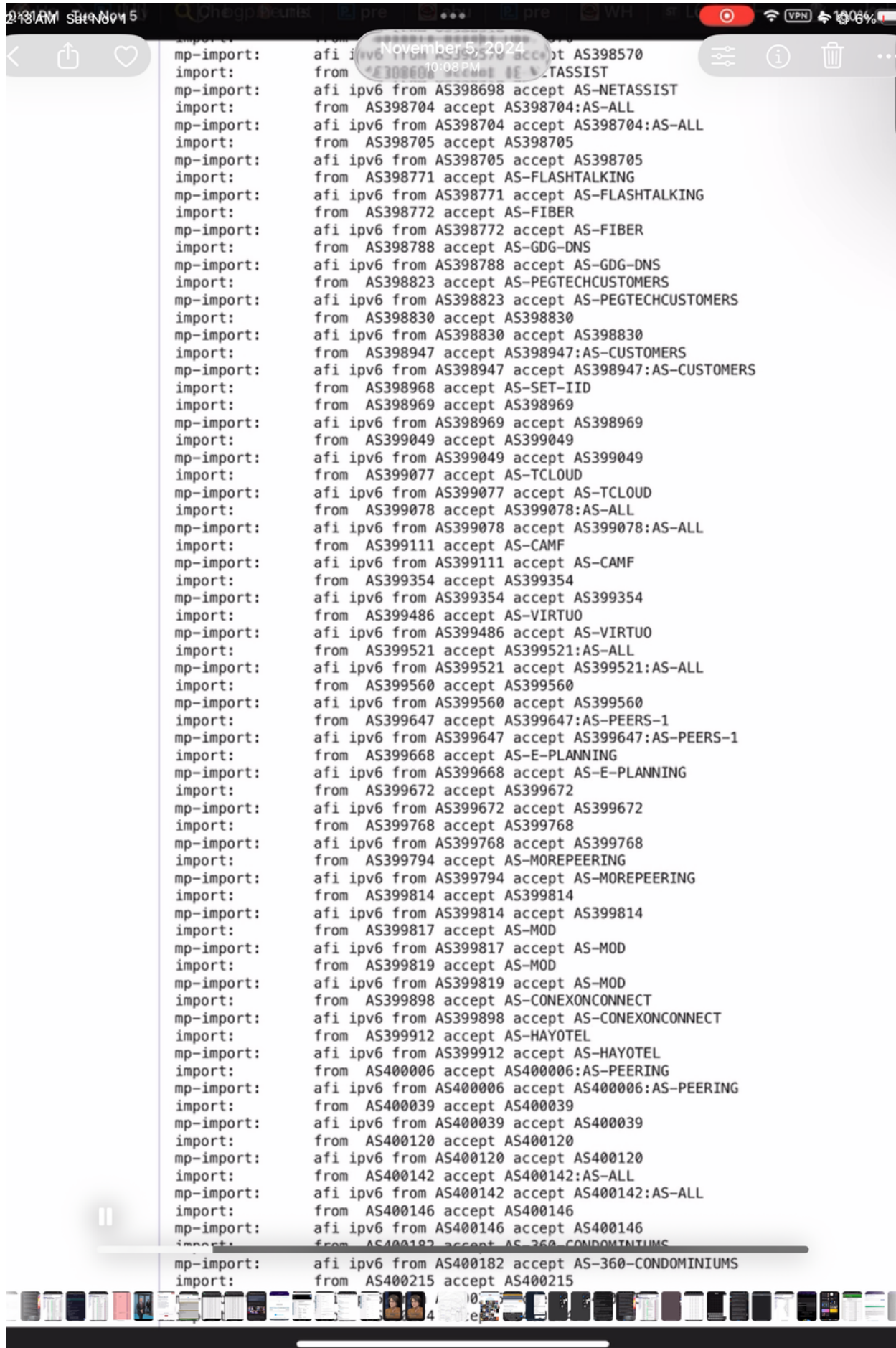
AS54113

Fastly Inc





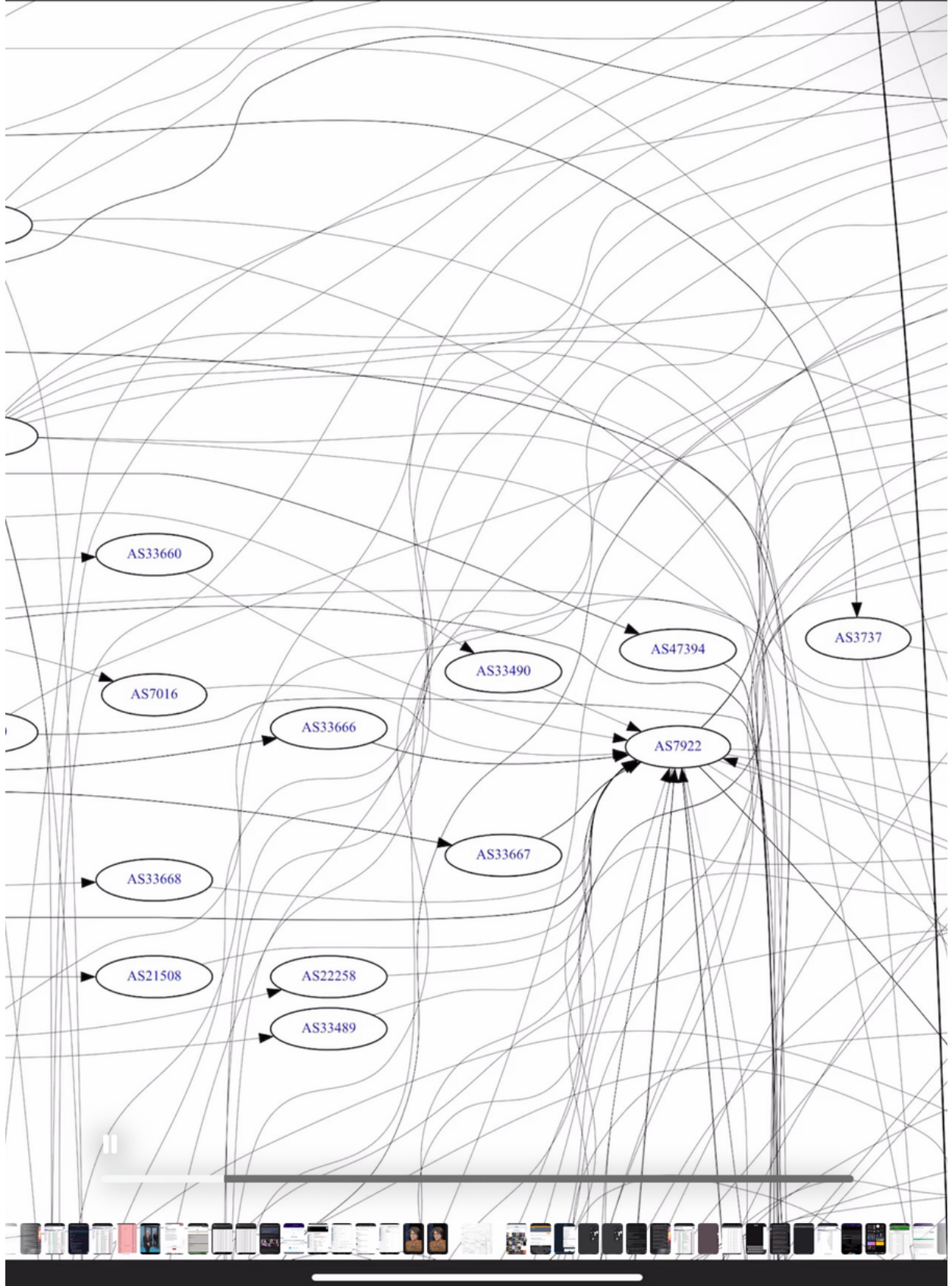




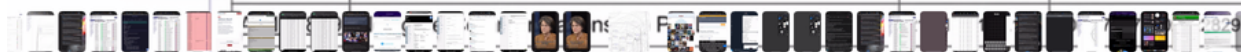

```
2:13 AM Sunday 5 November 5, 2024 3:08 PM
import: from AS400215 accept AS400215
mp-import: afi ipv6 from AS400215 accept AS400215
import: from AS400274 accept AS400274
mp-import: afi ipv6 from AS400274 accept AS400274
import: from AS400282 accept AS-UPX
mp-import: afi ipv6 from AS400282 accept AS-UPX
import: from AS400400 accept AS400400:AS-ALL
mp-import: afi ipv6 from AS400400 accept AS400400:AS-ALL
import: from AS400409 accept AS400409
mp-import: afi ipv6 from AS400409 accept AS400409
import: from AS400416 accept AS400416
mp-import: afi ipv6 from AS400416 accept AS400416
import: from AS400424 accept AS400424
mp-import: afi ipv6 from AS400424 accept AS400424
import: from AS400475 accept AS400475
mp-import: afi ipv6 from AS400475 accept AS400475
import: from AS400513 accept AS400513
mp-import: afi ipv6 from AS400513 accept AS400513
import: from AS400587 accept AS400587:AS-DOWNSTREAMS
mp-import: afi ipv6 from AS400587 accept AS400587:AS-DOWNSTREAMS
import: from AS400648 accept AS-NATURALWIRELESS-PHL
mp-import: afi ipv6 from AS400648 accept AS-NATURALWIRELESS-PHL
import: from AS400687 accept AS400687:AS-SOLYTRO
mp-import: afi ipv6 from AS400687 accept AS400687:AS-SOLYTRO
import: from AS400914 accept AS400914
mp-import: afi ipv6 from AS400914 accept AS400914
import: from AS401251 accept AS401251
mp-import: afi ipv6 from AS401251 accept AS401251
import: from AS401282 accept AS401282
mp-import: afi ipv6 from AS401282 accept AS401282
import: from AS401348 accept AS401348
mp-import: afi ipv6 from AS401348 accept AS401348
export: to AS1299:AS-TWELVE99-CUSTOMER-V4 announce ANY
export: to AS1299:AS-TWELVE99-PEER-V4 announce AS1299:AS-TWELVE99-V4
mp-export: afi ipv6 to AS1299:AS-TWELVE99-CUSTOMER-V6 announce ANY
mp-export: afi ipv6 to AS1299:AS-TWELVE99-PEER-V6 announce AS1299:AS-TWELVE99-V6
admin-c: TRR2-RIPE
tech-c: TRR2-RIPE
remarks:
remarks:
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
remarks:
remarks:
remarks:
remarks: Helpdesk/NOC: support@arelion.com
remarks:
remarks:
remarks:
remarks: Peering: peering@twelve99.net
remarks:
remarks:
remarks: BGP COMMUNITY SUPPORT FOR AS1299 TRANSIT CUSTOMERS:
remarks:
remarks: Community Action (default local pref 200)
remarks:
remarks: 1299:50 Set local pref 50 within AS1299 (lowest possible)
remarks: 1299:150 Set local pref 150 within AS1299 (equal to peer, backup)
remarks: 1299:1y050 Set local pref 50 in region y
remarks: 1299:1y150 Set local pref 150 in region y
remarks: Where y is:
remarks: 0= outside own continent
remarks: 2= Europe
remarks: 5= North America
remarks: 7= Asia Pacific
remarks:
remarks: Note!
remarks: Not possible to increase LP only decrease. Not possible to have
remarks: low LP in own continent and higher in other continents
remarks: not have effect in certain combination
```



```
2:13 AM Sunday 5 November 5, 2024 10:08 PM
import: from AS400687 accept AS400687:AS-SOLYTRO
mp-import: afi ip from AS400687 accept AS400687:AS-SOLYTRO
import: from AS400914 accept AS400914
mp-import: afi ipv6 from AS400914 accept AS400914
import: from AS401251 accept AS401251
mp-import: afi ipv6 from AS401251 accept AS401251
import: from AS401282 accept AS401282
mp-import: afi ipv6 from AS401282 accept AS401282
import: from AS401348 accept AS401348
mp-import: afi ipv6 from AS401348 accept AS401348
export: to AS1299:AS-TWELVE99-CUSTOMER-V4 announce ANY
export: to AS1299:AS-TWELVE99-PEER-V4 announce AS1299:AS-TWELVE99-V4
mp-export: afi ipv6 to AS1299:AS-TWELVE99-CUSTOMER-V6 announce ANY
mp-export: afi ipv6 to AS1299:AS-TWELVE99-PEER-V6 announce AS1299:AS-TWELVE99-
V6
admin-c: TRR2-RIPE
tech-c: TRR2-RIPE
remarks: -----
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
remarks: -----
remarks: Helpdesk/NOC: support@arelion.com
remarks: -----
remarks: Peering: peering@twelve99.net
remarks: -----
remarks: BGP COMMUNITY SUPPORT FOR AS1299 TRANSIT CUSTOMERS:
remarks: Community Action (default local pref 200)
remarks: -----
remarks: 1299:50 Set local pref 50 within AS1299 (lowest possible)
remarks: 1299:150 Set local pref 150 within AS1299 (equal to peer, backup)
remarks: 1299:1y050 Set local pref 50 in region y
remarks: 1299:1y150 Set local pref 150 in region y
remarks: Where y is:
remarks: 0= outside own continent
remarks: 2= Europe
remarks: 5= North America
remarks: 7= Asia Pacific
remarks: Note!
remarks: Not possible to increase LP only decrease. Not possible to have
remarks: low LP in own continent and higher in other continents.
remarks: We remove communities not possible to combine or communities that
remarks: not have effect in certain combination.
remarks: European peers
remarks: Community Action
remarks: -----
remarks: 1299:200x All peers Europe incl:
remarks: 1299:252x NTT/2914
remarks: 1299:253x Zayo/6461
remarks: 1299:254x Orange/5511
remarks: 1299:256x Lumen/3356
remarks: 1299:257x Verizon/702
remarks: 1299:258x AT&T/2686
remarks: 1299:259x Telxius/12956
remarks: 1299:263x TATA/6453
remarks: 1299:264x DTAG/3320
remarks: 1299:269x GTT/3257
remarks: 1299:270x Liberty Global/6030
remarks: 1299:273x Cogent/174
remarks: 1299:274x Telecom Italia/6762
remarks: 1299:275x China Unicom/4657
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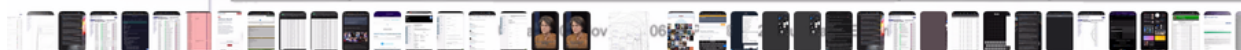


AS45903	CMC Telecom	210.173.176.141 210.173.176.141	2001:7fa:7:1:0:5:4113:1
AS46489	Twitch Interactive inc.	210.173.176.100 210.173.176.149	2001:7fa:7:1:0:5:4113:1 2001:7fa:7:1:0:5:4113:2
AS54113	Fastly, Inc.	210.173.176.110 210.173.176.67	2001:7fa:7:1:0:5:4113:1 2001:7fa:7:1:0:5:4113:2
AS55256	Netskope Inc	210.173.177.103 210.173.176.191 210.173.177.77	2001:7fa:7:1:0:5:5256:1 2001:7fa:7:1:0:5:5256:4 2001:7fa:7:1:0:5:5256:2
AS55391	INTERNET MULTIFEED CO.	210.173.176.246 210.173.176.253	2001:7fa:7:1:0:5:5391:2 2001:7fa:7:1:0:5:5391:1
AS55685	PT Jala Lintas Media	210.173.177.123	2001:7fa:7:1:0:5:5685:1
AS55900	GLBB Japan KK	210.173.176.143	2001:7fa:7:1:0:5:5900:1
AS57976	Blizzard Entertainment, Inc	210.173.176.98	2001:7fa:7:1:0:5:7976:1
AS58715	EARTH TELECOMMUNICATION (Pvt) LTD.	210.173.177.156	2001:7fa:7:1:0:5:8715:1
AS58793	FUJITSU CLOUD TECHNOLOGIES LIMITED	210.173.177.39 210.173.177.40	2001:7fa:7:1:0:5:8793:1 2001:7fa:7:1:0:5:8793:2
AS59102	GENES Co., Ltd.	210.173.176.231	
AS59123	Kakaku.com, Inc.	210.173.176.144	2001:7fa:7:1:0:5:9123:1
AS59125	FAMILY NET JAPAN INCORPORATED	210.173.176.10	2001:7fa:7:1:0:5:9125:1
AS59126	NCT CO.,LTD.	210.173.176.216	2001:7fa:7:1:0:5:9126:1
AS60068	Datacamp Limited	210.173.177.66 210.173.177.68	2001:7fa:7:1:0:6:68:1 2001:7fa:7:1:0:6:68:2
AS62902	Ankr PBC	210.173.176.100	2001:7fa:7:1:0:5:7521:100
AS63199	CDS Global Cloud Co., Ltd	210.173.177.78	2001:7fa:7:1:0:6:3199:1
AS63779	InfiniCloud Co. Ltd.	210.173.177.84	2001:7fa:7:1:0:6:3779:1
AS63802	Nippon Telegraph and Telephone East Corporation	210.173.177.144	2001:7fa:7:1:0:6:3802:1
AS63927	RISE	210.173.177.124	2001:7fa:7:1:0:6:3927:1
AS63997	Tsukaeru.net, Web Hosting Company, Japan	210.173.177.58	
AS64289	Macarne LLC	210.173.177.146	2001:7fa:7:1:0:6:4289:1
AS131079	INTERNET MULTIFEED CO.	210.173.177.4	2001:7fa:7:1:0:13:1079:1
AS131161	NECCN	210.173.177.63	2001:7fa:7:1:0:13:1161:1
AS131896	SSI Lab Inc.	210.173.176.166	
AS131912	Cybozu,Inc.	210.173.176.76	2001:7fa:7:1:0:13:1912:1
AS131916	Tokyo Bay Network Co.,Ltd.	210.173.176.21	
AS131918	SHONAN CABLE NETWORK	210.173.176.194	2001:7fa:7:1:0:13:1918:1
AS131920	closip Inc.	210.173.177.38	2001:7fa:7:1:0:13:1920:1
AS131930	Tokyo Broadcasting System Television, Inc.	210.173.176.170	
AS131931	Aomori Cable TV Co., Ltd.	210.173.177.114	
AS131934	ICC Corporation	210.173.177.129	2001:7fa:7:1:0:13:1934:1
AS131937	Joetsu Cable Vision	210.173.176.117	2001:7fa:7:1:0:13:1937:1
AS131952	Asahikawa Cable Television Co., Ltd.	210.173.176.238	
AS131958	Tama Cable Network Co.,Ltd. expire12	210.173.176.4	2001:7fa:7:1:0:13:1958:1
AS131976	INTERNET MULTIFEED CO.	210.173.177.27	2001:7fa:7:1:0:13:1976:1
AS131982	Uenohara Broadband Communications Inc.	210.173.177.107	2001:7fa:7:1:0:13:1982:1
AS132203	Tencent Building, Kejizhongyi Avenue	210.173.177.23	2001:7fa:7:1:0:13:2203:1





AS131920	closip Inc.	210.173.176.117	2001:7fa:7:1:0:13:1920:
AS131930	Tokyo Broadcasting System, Inc.	210.173.176.117	2001:7fa:7:1:0:13:1930:
AS131931	Aomori Cable TV Co., Ltd.	210.173.177.114	2001:7fa:7:1:0:13:1931:
AS131934	ICC Corporation	210.173.177.129	2001:7fa:7:1:0:13:1934:
AS131937	Joetsu Cable Vision	210.173.176.117	2001:7fa:7:1:0:13:1937:
AS131952	Asahikawa Cable Television Co., Ltd.	210.173.176.238	2001:7fa:7:1:0:13:1952:
AS131958	Tama Cable Network Co.,Ltd. expire12	210.173.176.4	2001:7fa:7:1:0:13:1958:
AS131976	INTERNET MULTIFEED CO.	210.173.177.27	2001:7fa:7:1:0:13:1976:
AS131982	Uenohara Broadband Communications Inc.	210.173.177.107	2001:7fa:7:1:0:13:1982:
AS132203	Tencent Building, Kejizhongyi Avenue	210.173.177.23	2001:7fa:7:1:0:13:2203:
AS132829	Navigate Communications (S) Pte Ltd	210.173.177.143	2001:7fa:7:1:0:13:2829:
AS135377	APNIC ASN block	210.173.177.92	2001:7fa:7:1:0:13:5377:
AS136907	APNIC ASN block	210.173.177.8 210.173.177.7	2001:7fa:7:1:0:13:6907: 2001:7fa:7:1:0:13:6907:
AS138384	Rakuten Mobile Inc	210.173.176.180	2001:7fa:7:1:0:13:8384:
AS138915	Kaopu Cloud HK Limited	210.173.177.56	2001:7fa:7:1:0:13:8915:
AS139468	DC Communications Inc.	210.173.176.119	2001:7fa:7:1:0:13:9468:
AS139901	Apple Communication Ltd.	210.173.177.127	2001:7fa:7:1:0:13:9901:
AS140096	JINX CO., LIMITED	210.173.177.149	2001:7fa:7:1:0:14:96:1
AS140627	OneQode	210.173.177.17	2001:7fa:7:1:0:14:627:1
AS140951	IPTP LIMITED	210.173.177.44	2001:7fa:7:1:0:14:951:1
AS146974	Woven by Toyota, Inc.	210.173.177.52	2001:7fa:7:1:0:14:6974:
AS146976	Kvision Co.,Ltd.	210.173.177.51	2001:7fa:7:1:0:14:6976:
AS146979	University of Nagasaki	210.173.177.86	2001:7fa:7:1:0:14:6979:
AS146981	Nekojarashi Inc.	210.173.177.73	2001:7fa:7:1:0:14:6981:
AS146984	INTERNET MULTIFEED CO.	210.173.177.87 210.173.177.139	2001:7fa:7:1:0:14:6984: 2001:7fa:7:1:0:14:6984:
AS149522	OneCubit Co., Ltd.	210.173.177.105	2001:7fa:7:1:0:14:9522:
AS150363	SoftEther Corporation	210.173.177.109	2001:7fa:7:1:0:15:363:1
AS151420	Rapid-Fire-y	210.173.177.119	2001:7fa:7:1:0:15:1420:
AS152858	Woven Planet Holdings, Inc.	210.173.177.163	2001:7fa:7:1:0:15:2858:
AS153371	BACK WAVES LIMITED	210.173.177.155	2001:7fa:7:1:0:15:3371:
AS197000	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	210.173.177.125	2001:7fa:7:1:0:19:7000:
AS200070	CZ.NIC, z.s.p.o.	210.173.176.125 210.173.176.126	2001:7fa:7:1:0:2:5192:1 2001:7fa:7:1:0:2:5192:2
AS206264	Amarutu Technology Ltd	210.173.177.148	2001:7fa:7:1:0:20:6264:
AS209453	GANDI SAS	210.173.177.57	2001:7fa:7:1:0:20:9453:
AS394354	CIRA Canadian Internet Registration Authority Autorit Canadienne pour les enregistrements Internet	210.173.176.120	2001:7fa:7:1:0:39:4354:
AS396356	Latitude.sh	210.173.177.67	2001:7fa:7:1:0:39:6356:
AS396986	Bytedance Inc.	210.173.177.152 210.173.177.153	2001:7fa:7:1:0:39:6986: 2001:7fa:7:1:0:39:6986:
AS398704	STACKS INC	210.173.177.137	2001:7fa:7:1:0:39:8704:



AS37892	Cable Media WAIWAI Co., LTD.	210.173.176.3	2001:7fa:7:1:0:3:7892:1
AS37908	KIBI Cable Television Co.,Ltd.	210.173.177.53	2001:7fa:7:1:0:3:7908:1
AS37916	A.T.WORKS,Inc.	210.173.176.99	
AS38628	HIMEJI CABLE TELEVISION CORPORATION	210.173.176.8	2001:7fa:7:1:0:3:8628:1
AS38631	LINE Corporation	210.173.176.82	2001:7fa:7:1:0:3:8631:1
AS38634	DWANGO Co.,Ltd.	210.173.176.19	2001:7fa:7:1:0:3:8634:1
AS38639	HANABI by NTT Communications Corporation	210.173.176.56	2001:7fa:7:1:0:3:8639:1
AS38644	KANDANET	210.173.177.3	2001:7fa:7:1:0:3:8644:1
AS39572	DataWeb Global Group B.V.	210.173.177.46	2001:7fa:7:1:0:3:9572:1
AS40676	Psychz Networks	210.173.176.251	2001:7fa:7:1:0:4:676:1
AS40934	Fortinet Inc.	210.173.177.35 210.173.177.34	2001:7fa:7:1:0:4:934:1 2001:7fa:7:1:0:4:934:2
AS41095	IPTP LTD	210.173.176.161	2001:7fa:7:1:0:4:1095:1
AS43996	Booking.com BV	210.173.176.118	2001:7fa:7:1:0:4:3996:1
AS44356	Epsilon Telecommunications Ltd	210.173.177.128	2001:7fa:7:1:0:4:4356:1
AS45489	Sri Lanka Telecom PLC, Global Peering	210.173.176.71	2001:7fa:7:1:0:4:5489:1
AS45686	INTERNET MULTIFEED CO.	210.173.176.212 210.173.176.211	2001:7fa:7:1:0:4:5686:1 2001:7fa:7:1:0:4:5686:2
AS45691	DODO-Core-JP	210.173.177.158	2001:7fa:7:1:0:4:5691:1
AS45899	VNPT Corp	210.173.176.187	2001:7fa:7:1:0:4:5899:1
AS45903	CMC Telecom Infrastructure Company	210.173.176.91 210.173.176.95	2001:7fa:7:1:0:4:5903:1 2001:7fa:7:1:0:4:5903:2
AS46489	Twitch Interactive Inc.	210.173.176.150 210.173.176.149	2001:7fa:7:1:0:4:6489:2 2001:7fa:7:1:0:4:6489:1
AS54113	Fastly, Inc.	210.173.176.110 210.173.176.67	2001:7fa:7:1:0:5:4113:1 2001:7fa:7:1:0:5:4113:2
AS55256	Netskope Inc	210.173.177.103 210.173.176.191 210.173.177.77	2001:7fa:7:1:0:5:5256:1 2001:7fa:7:1:0:5:5256:4 2001:7fa:7:1:0:5:5256:2
AS55391	INTERNET MULTIFEED CO.	210.173.176.246 210.173.176.253	2001:7fa:7:1:0:5:5391:2 2001:7fa:7:1:0:5:5391:1
AS55685	PT Jala Lintas Media	210.173.177.123	2001:7fa:7:1:0:5:5685:1
AS55900	GLBB Japan KK	210.173.176.143	2001:7fa:7:1:0:5:5900:1
AS57976	Blizzard Entertainment, Inc	210.173.176.98	2001:7fa:7:1:0:5:7976:1
AS58715	EARTH TELECOMMUNICATION (Pvt) LTD.	210.173.177.156	2001:7fa:7:1:0:5:8715:1
AS58793	FUJITSU CLOUD TECHNOLOGIES LIMITED	210.173.177.39 210.173.177.40	2001:7fa:7:1:0:5:8793:1 2001:7fa:7:1:0:5:8793:2
AS59102	GENES Co., Ltd.	210.173.176.231	
AS59123	Kakaku.com, Inc.	210.173.176.144	2001:7fa:7:1:0:5:9123:1
AS59125	FAMILY NET JAPAN INCORPORATED	210.173.176.10	2001:7fa:7:1:0:5:9125:1
AS59126	NCT CO.,LTD.	210.173.176.216	2001:7fa:7:1:0:5:9126:1
AS60066	Datacamp Limited	210.173.177.66 210.173.177.68	2001:7fa:7:1:0:6:68:1 2001:7fa:7:1:0:6:68:2
AS62902	Ankr PBC	210.173.176.100	2001:7fa:7:1:0:7521:100
AS63192	CSO Global Cloud Co., Ltd.	210.173.177.13	2001:7fa:7:1:0:3:192:1



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JPNAP Tokyo

Website: <https://www.jpnep.net/en/>
Statistics: <https://www.jpnep.net/ix/traffic.html>
Members: 256
Data Feed Health:

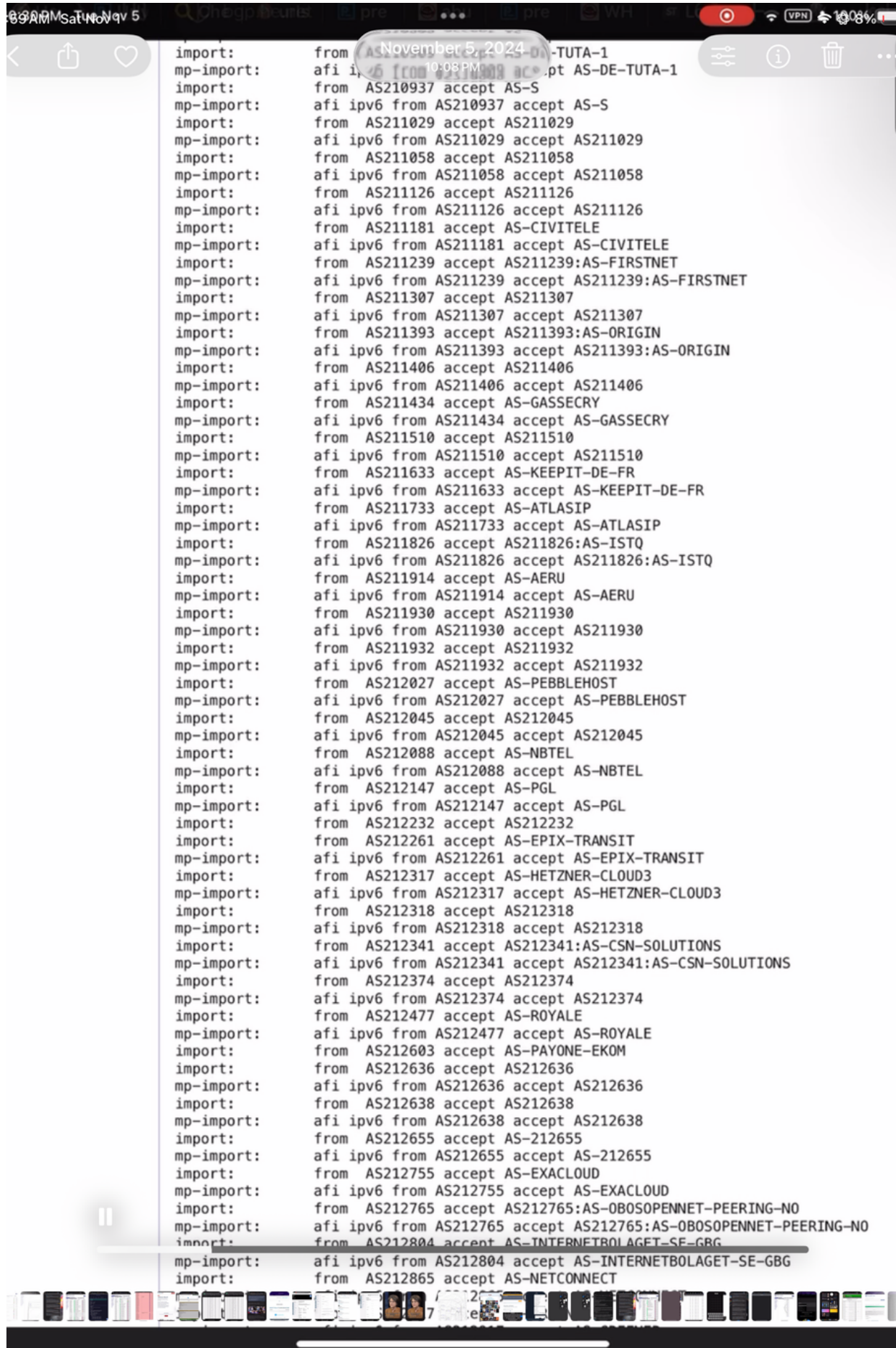
Region: Asia Pacific
Country: Japan
City: Tokyo

Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp

IPv4 Prefixes: 210.173.176.0/23

IPv6 Prefixes: 2001:7fa:7:1::/64

ASN	Name	IPv4	IPv6
AS173	Nippon Telegraph and Telephone Corporation	210.173.176.33	
AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
AS983	Akari Networks LLC	210.173.177.97	2001:7fa:7:1::983:1
AS984	OCTOPUS WEB SOLUTION INC	210.173.177.88	2001:7fa:7:1::984:1
AS1299	Arelion Sweden AB	210.173.176.54	2001:7fa:7:1::1299:1
AS2497	Internet Initiative Japan Inc.	210.173.176.219 210.173.176.190 210.173.176.141 210.173.176.142	2001:7fa:7:1::2497:5 2001:7fa:7:1::2497:3 2001:7fa:7:1::2497:2 2001:7fa:7:1::2497:4
AS2514	NTT PC Communications, Inc.	210.173.176.37 210.173.176.18	2001:7fa:7:1::2514:1 2001:7fa:7:1::2514:2
AS2515	Japan Network Information Center	210.173.176.230	2001:7fa:7:1::2515:1
AS2518	BIGLOBE Inc.	210.173.176.14 210.173.176.124	2001:7fa:7:1::2518:3 2001:7fa:7:1::2518:2
AS2519	ARTERIA Networks Corporation	210.173.176.25	2001:7fa:7:1::2519:1
AS2527	Sony Network Communications Inc.	210.173.176.23	2001:7fa:7:1::2527:1
AS2635	Automattic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2




```

mp-import:      afi ipv6 from AS209307 accept AS-CNX-EKB
import:         from AS209323 accept AS209323
mp-import:      afi ipv6 from AS209323 accept AS209323
import:         from AS209341 accept AS209341
mp-import:      afi ipv6 from AS209341 accept AS209341
import:         from AS209366 accept AS209366
mp-import:      afi ipv6 from AS209366 accept AS209366
import:         from AS209415 accept AS209415
mp-import:      afi ipv6 from AS209415 accept AS209415
import:         from AS209551 accept AS209551
mp-import:      afi ipv6 from AS209551 accept AS209551
import:         from AS209564 accept AS209564:AS-NICKNAME
mp-import:      afi ipv6 from AS209564 accept AS209564:AS-NICKNAME
import:         from AS209578 accept AS209578
mp-import:      afi ipv6 from AS209578 accept AS209578
import:         from AS209635 accept AS-REDMATTER-INTERNAL
mp-import:      afi ipv6 from AS209635 accept AS-REDMATTER-INTERNAL
import:         from AS209655 accept AS209655
mp-import:      afi ipv6 from AS209655 accept AS209655
import:         from AS209657 accept AS209657
mp-import:      afi ipv6 from AS209657 accept AS209657
import:         from AS209707 accept AS209707
mp-import:      afi ipv6 from AS209707 accept AS209707
import:         from AS209723 accept AS209723
mp-import:      afi ipv6 from AS209723 accept AS209723
import:         from AS209924 accept AS209924
mp-import:      afi ipv6 from AS209924 accept AS209924
import:         from AS210015 accept AS-SET-INTERFACEALL
mp-import:      afi ipv6 from AS210015 accept AS-SET-INTERFACEALL
import:         from AS210021 accept AS-DILSET
mp-import:      afi ipv6 from AS210021 accept AS-DILSET
import:         from AS210026 accept AS-DIFESA
mp-import:      afi ipv6 from AS210026 accept AS-DIFESA
import:         from AS210079 accept AS210079
mp-import:      afi ipv6 from AS210079 accept AS210079
import:         from AS210104 accept AS-WAWTEL
mp-import:      afi ipv6 from AS210104 accept AS-WAWTEL
import:         from AS210133 accept AS-MOZZARTBET-POPAMS
mp-import:      afi ipv6 from AS210133 accept AS-MOZZARTBET-POPAMS
import:         from AS210152 accept AS-VANVIK
mp-import:      afi ipv6 from AS210152 accept AS-VANVIK
import:         from AS210278 accept AS-SKYIT
mp-import:      afi ipv6 from AS210278 accept AS-SKYIT
import:         from AS210283 accept AS210283
mp-import:      afi ipv6 from AS210283 accept AS210283
import:         from AS210333 accept AS-INTER-INS
mp-import:      afi ipv6 from AS210333 accept AS-INTER-INS
import:         from AS210365 accept AS210365
mp-import:      afi ipv6 from AS210365 accept AS210365
import:         from AS210447 accept AS210447
mp-import:      afi ipv6 from AS210447 accept AS210447
import:         from AS210492 accept AS210492
mp-import:      afi ipv6 from AS210492 accept AS210492
import:         from AS210494 accept AS210494
mp-import:      afi ipv6 from AS210494 accept AS210494
import:         from AS210595 accept AS-PROXAD
mp-import:      afi ipv6 from AS210595 accept AS-PROXAD
import:         from AS210612 accept AS-ASTE0
mp-import:      afi ipv6 from AS210612 accept AS-ASTE0
import:         from AS210667 accept AS-AGTECH
mp-import:      afi ipv6 from AS210667 accept AS-AGTECH
import:         from AS210805 accept AS-INTERNETBOLAGET-UK
mp-import:      afi ipv6 from AS210805 accept AS-INTERNETBOLAGET-UK
import:         from AS210878 accept AS210878
mp-import:      afi ipv6 from AS210878 accept AS210878
import:         from AS210892 accept AS210892
mp-import:      afi ipv6 from AS210892 accept AS210892
import:         from AS210909 accept AS-DE-TUTA-1
mp-import:      afi ipv6 from AS210909 accept AS-DE-TUTA-1
import:         from AS211027 accept AS-C
import:         from AS211029 accept AS211029

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Oneplus 8 Pro

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November 5, 2024

10:08 PM

import: afi ipv6 from AS216084:AS-KE

import: from AS216331:AS-TRALIOS

mp-import: afi ipv6 from AS216331 accept AS216331:AS-TRALIOS

import: from AS216347 accept AS216347

mp-import: afi ipv6 from AS216347 accept AS216347

import: from AS216366 accept AS216366:AS-SMART-TEL

mp-import: afi ipv6 from AS216366 accept AS216366:AS-SMART-TEL

import: from AS216425 accept AS216425:AS-HANARIN-NET

mp-import: afi ipv6 from AS216425 accept AS216425:AS-HANARIN-NET

import: from AS262206 accept AS262206:AS-GLOBAL

mp-import: afi ipv6 from AS262206 accept AS262206:AS-GLOBAL

import: from AS262210 accept AS262210

mp-import: afi ipv6 from AS262210 accept AS262210

import: from AS262239 accept AS262239:AS-CUSTOMERS

mp-import: afi ipv6 from AS262239 accept AS262239:AS-CUSTOMERS

import: from AS262589 accept AS-ITXBR1

mp-import: afi ipv6 from AS262589 accept AS-ITXBR1

import: from AS263740 accept AS263740

mp-import: afi ipv6 from AS263740 accept AS263740

import: from AS263744 accept AS263744

mp-import: afi ipv6 from AS263744 accept AS263744

import: from AS263821 accept AS263821

mp-import: afi ipv6 from AS263821 accept AS263821

import: from AS264676 accept AS264676

mp-import: afi ipv6 from AS264676 accept AS264676

import: from AS264763 accept AS-DOSBUFF

mp-import: afi ipv6 from AS264763 accept AS-DOSBUFF

import: from AS264788 accept AS-TELCONET-TRANSIT-AS

mp-import: afi ipv6 from AS264788 accept AS-TELCONET-TRANSIT-AS

import: from AS264819 accept AS264819

mp-import: afi ipv6 from AS264819 accept AS264819

import: from AS264837 accept AS264837

mp-import: afi ipv6 from AS264837 accept AS264837

import: from AS264850 accept AS264850

mp-import: afi ipv6 from AS264850 accept AS264850

import: from AS265524 accept AS265524

mp-import: afi ipv6 from AS265524 accept AS265524

import: from AS265530 accept AS265530

mp-import: afi ipv6 from AS265530 accept AS265530

import: from AS265540 accept AS265540

mp-import: afi ipv6 from AS265540 accept AS265540

import: from AS265549 accept AS265549

mp-import: afi ipv6 from AS265549 accept AS265549

import: from AS265550 accept AS265550

mp-import: afi ipv6 from AS265550 accept AS265550

import: from AS265561 accept AS-QCOMCUSTOMERS

mp-import: afi ipv6 from AS265561 accept AS-QCOMCUSTOMERS

import: from AS265580 accept AS265580

mp-import: afi ipv6 from AS265580 accept AS265580

import: from AS265583 accept AS265583

mp-import: afi ipv6 from AS265583 accept AS265583

import: from AS265590 accept AS265590

mp-import: afi ipv6 from AS265590 accept AS265590

import: from AS265619 accept AS265619

mp-import: afi ipv6 from AS265619 accept AS265619

import: from AS265620 accept AS265620:AS-UFMX

mp-import: afi ipv6 from AS265620 accept AS265620:AS-UFMX

import: from AS265627 accept AS265627:AS-TRANSIT

mp-import: afi ipv6 from AS265627 accept AS265627:AS-TRANSIT

import: from AS265645 accept AS-CAM175

mp-import: afi ipv6 from AS265645 accept AS-CAM175

import: from AS265680 accept AS-HNTELCO

mp-import: afi ipv6 from AS265680 accept AS-HNTELCO

import: from AS265753 accept AS265753

mp-import: afi ipv6 from AS265753 accept AS265753

import: from AS265840 accept AS265840:AS-GLOBAL

mp-import: afi ipv6 from AS265840 accept AS265840:AS-GLOBAL

import: from AS265849 accept AS265849

mp-import: afi ipv6 from AS265849 accept AS265849

import: from AS265850 accept AS265850

mp-import: afi ipv6 from AS265850 accept AS265850

3

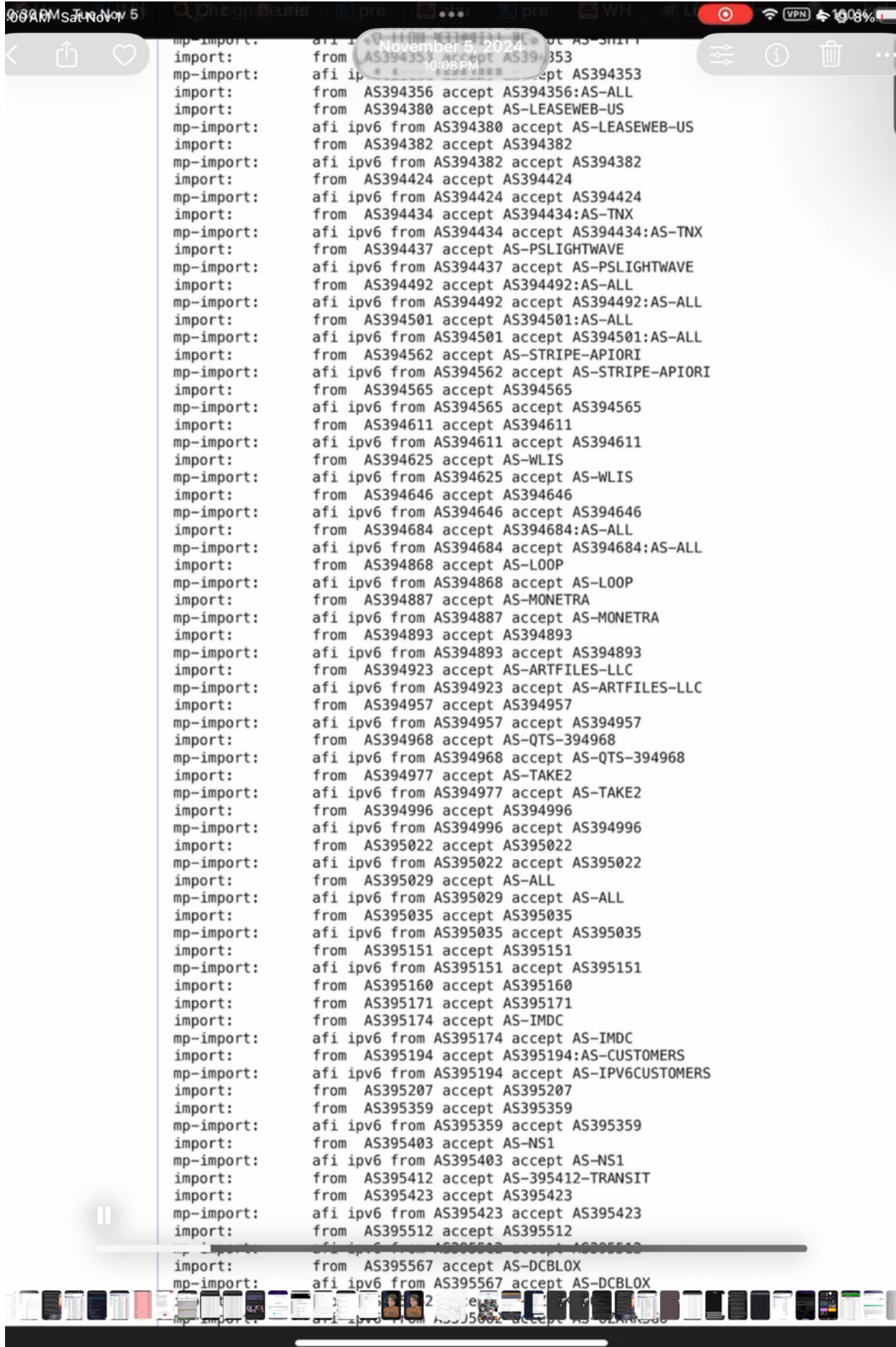
7

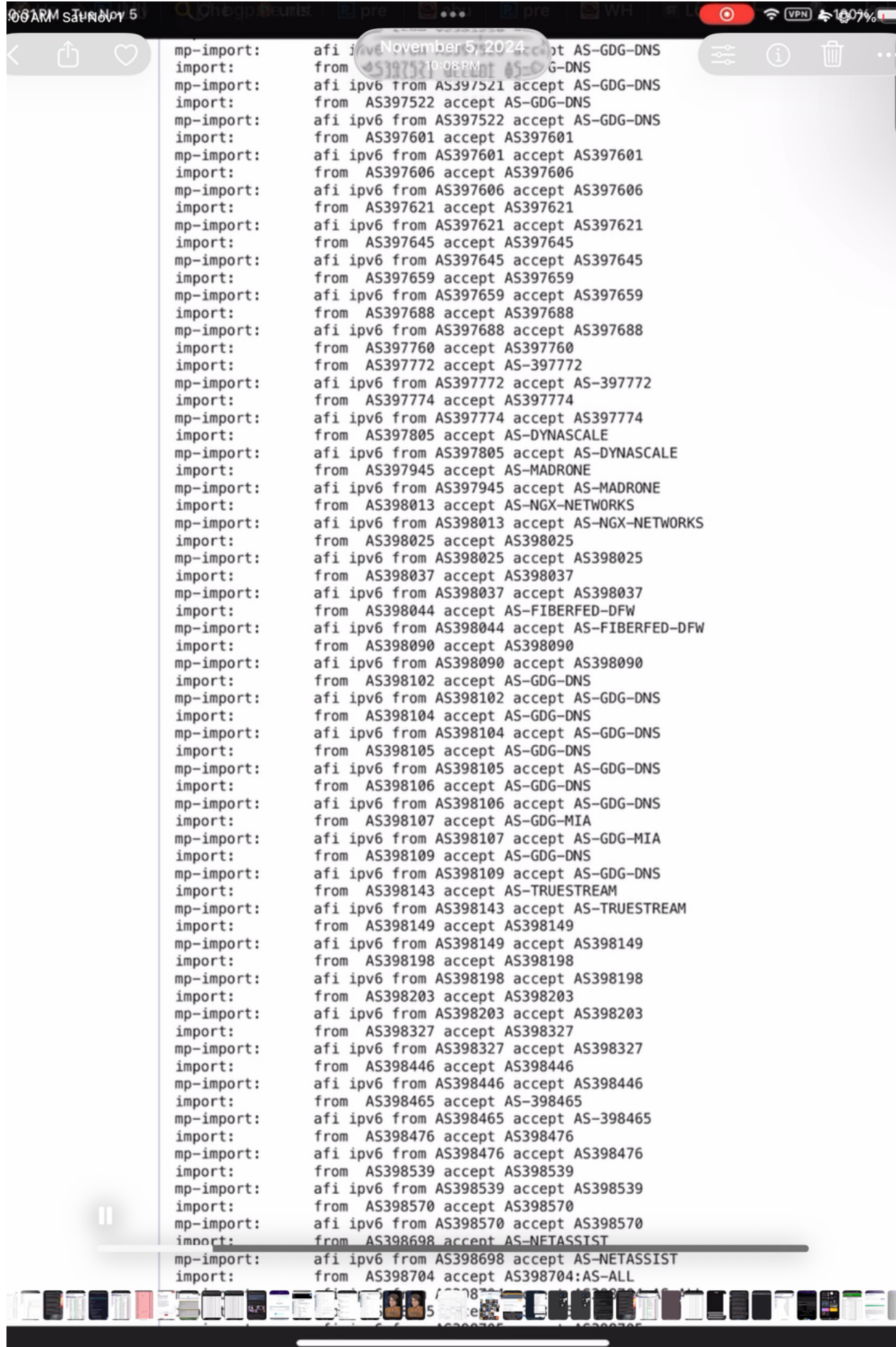
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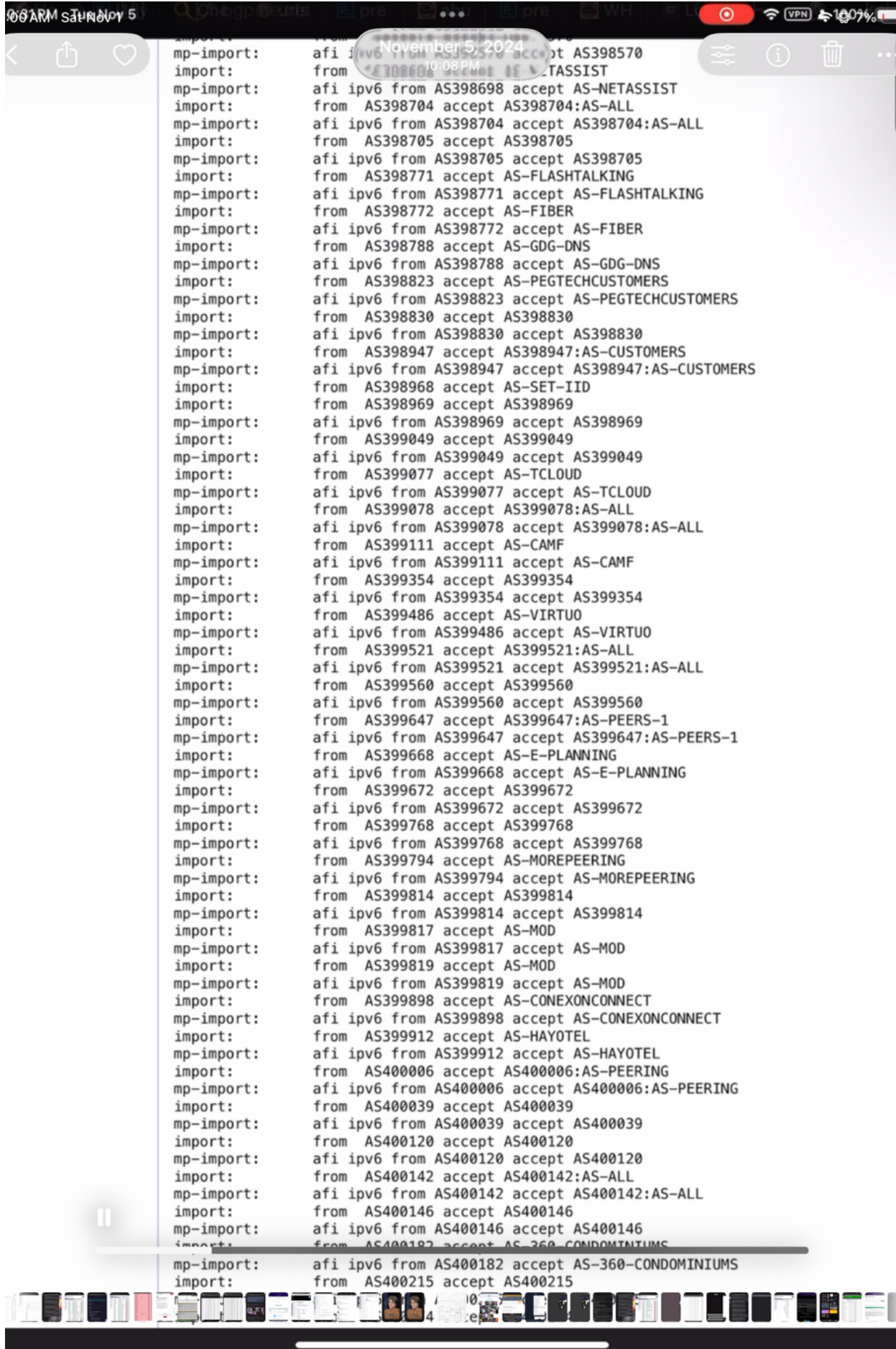
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mp-import:      afi ipv6 from AS21265 accept AS-NETCONNECT
import:         from AS21265 accept AS-NETCONNECT
import:         from AS212917 accept AS-GREENER
mp-import:      afi ipv6 from AS212917 accept AS-GREENER
import:         from AS212961 accept AS-JUNGHEINRICH
mp-import:      afi ipv6 from AS212961 accept AS-JUNGHEINRICH
import:         from AS213039 accept AS213039:AS-MIKRAMIX
mp-import:      afi ipv6 from AS213039 accept AS213039:AS-MIKRAMIX
import:         from AS213054 accept AS-KEEPIT-UK-LD
mp-import:      afi ipv6 from AS213054 accept AS-KEEPIT-UK-LD
import:         from AS213134 accept AS213134
mp-import:      afi ipv6 from AS213134 accept AS213134
import:         from AS213138 accept AS213138:AS-ALL
mp-import:      afi ipv6 from AS213138 accept AS213138:AS-ALL
import:         from AS213195 accept AS213195
mp-import:      afi ipv6 from AS213195 accept AS213195
import:         from AS213202 accept AS213202:AS-CSG
mp-import:      afi ipv6 from AS213202 accept AS213202:AS-CSG
import:         from AS213205 accept AS213205:AS-C000LBE
mp-import:      afi ipv6 from AS213205 accept AS213205:AS-C000LBE
import:         from AS213230 accept AS-HETZNER-CLOUD2
mp-import:      afi ipv6 from AS213230 accept AS-HETZNER-CLOUD2
import:         from AS213291 accept AS213291:AS-NEBIUS
mp-import:      afi ipv6 from AS213291 accept AS213291:AS-NEBIUS
import:         from AS213300 accept AS213300
mp-import:      afi ipv6 from AS213300 accept AS213300
import:         from AS213373 accept AS-IPCONN
mp-import:      afi ipv6 from AS213373 accept AS-IPCONN
import:         from AS214002 accept AS214002
mp-import:      afi ipv6 from AS214002 accept AS214002
import:         from AS214159 accept AS214159:AS-ALL
mp-import:      afi ipv6 from AS214159 accept AS214159:AS-ALL
import:         from AS214319 accept AS214319
mp-import:      afi ipv6 from AS214319 accept AS214319
import:         from AS214415 accept AS214415
mp-import:      afi ipv6 from AS214415 accept AS214415
import:         from AS214471 accept AS214471:AS-NEBULA
mp-import:      afi ipv6 from AS214471 accept AS214471:AS-NEBULA
import:         from AS214816 accept AS214816
mp-import:      afi ipv6 from AS214816 accept AS214816
import:         from AS214985 accept AS-DMC24
mp-import:      afi ipv6 from AS214985 accept AS-DMC24
import:         from AS215116 accept AS215116
mp-import:      afi ipv6 from AS215116 accept AS215116
import:         from AS215174 accept AS215174
mp-import:      afi ipv6 from AS215174 accept AS215174
import:         from AS215226 accept AS215226:AS-SIRIUS
mp-import:      afi ipv6 from AS215226 accept AS215226:AS-SIRIUS
import:         from AS215343 accept AS215343:AS-MINJAE
mp-import:      afi ipv6 from AS215343 accept AS215343:AS-MINJAE
import:         from AS215596 accept AS215596:AS-KISSGROUP
mp-import:      afi ipv6 from AS215596 accept AS215596:AS-KISSGROUP
import:         from AS215661 accept AS215661
mp-import:      afi ipv6 from AS215661 accept AS215661
import:         from AS215664 accept AS215664:AS-MULTISERVICERLS
mp-import:      afi ipv6 from AS215664 accept AS215664:AS-MULTISERVICERLS
import:         from AS215782 accept AS215782:AS-KEEPIT-CH-ZH
mp-import:      afi ipv6 from AS215782 accept AS215782:AS-KEEPIT-CH-ZH
import:         from AS215787 accept AS215787:AS-FUSIONFLARE
mp-import:      afi ipv6 from AS215787 accept AS215787:AS-FUSIONFLARE
import:         from AS215853 accept AS215853:AS-BONFORTUNA
mp-import:      afi ipv6 from AS215853 accept AS215853:AS-BONFORTUNA
import:         from AS215859 accept AS-HETZNER-CLOUD4
mp-import:      afi ipv6 from AS215859 accept AS-HETZNER-CLOUD4
import:         from AS215875 accept AS215875
mp-import:      afi ipv6 from AS215875 accept AS215875
import:         from AS216084 accept AS216084:AS-KEMMIT
mp-import:      afi ipv6 from AS216084 accept AS216084:AS-KEMMIT
import:         from AS216331 accept AS216331:AS-TRALIOS
mp-import:      afi ipv6 from AS216331 accept AS216331:AS-TRALIOS
import:         from AS216317 accept AS216317
import:         from AS216366 accept AS216366:AS-CHART-TEL

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ARM SANDY 5 | Oneplus 5 | pre | WH | VPN | 100%
November 5, 2024 3:08 PM
import: from AS400215 accept AS400215
mp-import: afi ipv6 from AS400215 accept AS400215
import: from AS400274 accept AS400274
mp-import: afi ipv6 from AS400274 accept AS400274
import: from AS400282 accept AS-UPX
mp-import: afi ipv6 from AS400282 accept AS-UPX
import: from AS400400 accept AS400400:AS-ALL
mp-import: afi ipv6 from AS400400 accept AS400400:AS-ALL
import: from AS400409 accept AS400409
mp-import: afi ipv6 from AS400409 accept AS400409
import: from AS400416 accept AS400416
mp-import: afi ipv6 from AS400416 accept AS400416
import: from AS400424 accept AS400424
mp-import: afi ipv6 from AS400424 accept AS400424
import: from AS400475 accept AS400475
mp-import: afi ipv6 from AS400475 accept AS400475
import: from AS400513 accept AS400513
mp-import: afi ipv6 from AS400513 accept AS400513
import: from AS400587 accept AS400587:AS-DOWNSTREAMS
mp-import: afi ipv6 from AS400587 accept AS400587:AS-DOWNSTREAMS
import: from AS400648 accept AS-NATURALWIRELESS-PHL
mp-import: afi ipv6 from AS400648 accept AS-NATURALWIRELESS-PHL
import: from AS400687 accept AS400687:AS-SOLYTRO
mp-import: afi ipv6 from AS400687 accept AS400687:AS-SOLYTRO
import: from AS400914 accept AS400914
mp-import: afi ipv6 from AS400914 accept AS400914
import: from AS401251 accept AS401251
mp-import: afi ipv6 from AS401251 accept AS401251
import: from AS401282 accept AS401282
mp-import: afi ipv6 from AS401282 accept AS401282
import: from AS401348 accept AS401348
mp-import: afi ipv6 from AS401348 accept AS401348
export: to AS1299:AS-TWELVE99-CUSTOMER-V4 announce ANY
export: to AS1299:AS-TWELVE99-PEER-V4 announce AS1299:AS-TWELVE99-V4
mp-export: afi ipv6 to AS1299:AS-TWELVE99-CUSTOMER-V6 announce ANY
mp-export: afi ipv6 to AS1299:AS-TWELVE99-PEER-V6 announce AS1299:AS-TWELVE99-V6
admin-c: TRR2-RIPE
tech-c: TRR2-RIPE
remarks:
remarks:
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
remarks:
remarks:
remarks: Helpdesk/NOC: support@arelion.com
remarks:
remarks:
remarks: Peering: peering@twelve99.net
remarks:
remarks:
remarks: BGP COMMUNITY SUPPORT FOR AS1299 TRANSIT CUSTOMERS:
remarks:
remarks: Community Action (default local pref 200)
remarks:
remarks: 1299:50 Set local pref 50 within AS1299 (lowest possible)
remarks: 1299:150 Set local pref 150 within AS1299 (equal to peer, backup)
remarks: 1299:1y050 Set local pref 50 in region y
remarks: 1299:1y150 Set local pref 150 in region y
remarks: Where y is:
remarks: 0= outside own continent
remarks: 2= Europe
remarks: 5= North America
remarks: 7= Asia Pacific
remarks:
remarks: Note!
remarks: Not possible to increase LP only decrease. Not possible to have
remarks: low LP in own continent and higher in other continents
remarks: not have effect in certain combination
```



```

North American peers
Community Action
-----
1299:500x All peers North America incl:
1299:552x NTT/2914
1299:553x Zayo/6461
1299:554x Orange/5511
1299:556x Lumen/3356
1299:557x Verizon/701
1299:558x AT&T/7018
1299:559x Telxius/12956
1299:563x TATA/6453
1299:564x DTAG/3320
1299:566x Comcast/7922
1299:569x GTT/3257
1299:570x Liberty Global/6830
1299:573x Cogent/174
1299:574x Telecom Italia/6762
1299:587x China Unicom/4037
1299:588x China Telecom/4134

```


ARM SUNDAY 5

November 5, 2024
10:08 PM

WH ST L

bgp.he.net

remarks: 1299:764x DTAG/3320
remarks: 1299:769x GTT/3257
remarks: 1299:774x Telecom Italia/6762
remarks: 1299:784x Vodafone/1273
remarks: 1299:794x PCCW/3491
remarks: Where x is number of prepends (x=0,1,2,3) or do NOT announce (x=9)
remarks: -----
remarks: We are listening to community GRACEFUL_SHUTDOWN according to
remarks: <https://datatracker.ietf.org/doc/rfc8326/>
remarks: -----
remarks: Route Flap Damping Policy is applied.
remarks: -----
remarks: AS1299 is matching RPKI validation state and reject
remarks: invalid prefixes from peers and customers.
remarks: Our looking-glass at <https://lg.twelve99.net/> marks
remarks: validation state for all prefixes.
remarks: Please review your registered ROAs to reduce number
remarks: of invalid prefixes.
remarks: -----
status: ASSIGNED
abuse-c: AR61450-RIPE
mnt-by: Twelve99-IRR-MNT
mnt-by: RIPE-NCC-END-MNT
created: 2002-09-19T08:19:14Z
last-modified: 2024-11-01T10:08:43Z
source: RIPE # Filtered

organisation: ORG-TCA32-RIPE
org-name: Arelion Sweden AB
country: SE
org-type: LIR
address: Box 3095
address: 169 03
address: Solna
address: SWEDEN
phone: +46771191170
admin-c: TI1395-RIPE
tech-c: TI1395-RIPE
abuse-c: AR61450-RIPE
mnt-ref: se-twelve99-1-MNT
mnt-by: RIPE-NCC-HM-MNT
mnt-by: se-twelve99-1-MNT
created: 2020-12-04T08:33:27Z
last-modified: 2024-02-06T10:52:16Z
source: RIPE # Filtered

role: Twelve99 Routing Registry
address: Arelion Sweden AB
address: Evenemangsgatan 2C
address: SE-169 79 SOLNA
address: Sweden
nic-hdl: TRR2-RIPE
mnt-by: Twelve99-IRR-MNT
created: 2002-05-23T15:05:16Z
last-modified: 2023-01-30T11:49:56Z
source: RIPE # Filtered

ARM SANNOLY 5

November 5, 2024
10:08 PM

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remarks: 1299:769x GTT/3257
remarks: 1299:774x Telecom Italia/6762
remarks: 1299:784x Vodafone/1273
remarks: 1299:794x PCCW/3491
remarks: Where x is number of prepends (x=0,1,2,3) or do NOT announce (x=9)
remarks: -----
remarks: We are listening to community GRACEFUL_SHUTDOWN according to
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organisation: ORG-TCA32-RIPE
org-name: Arelion Sweden AB
country: SE
org-type: LIR
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address: 169 03
address: Solna
address: SWEDEN
phone: +46771191170
admin-c: TI1395-RIPE
tech-c: TI1395-RIPE
abuse-c: AR61450-RIPE
mnt-ref: se-twelve99-1-MNT
mnt-by: RIPE-NCC-HM-MNT
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source: RIPE # Filtered
role: Twelve99 Routing Registry
address: Arelion Sweden AB
address: Evenemangsgatan 2C
address: SE-169 79 SOLNA
address: Sweden
nic-hdl: TRR2-RIPE
mnt-by: Twelve99-IRR-MNT
created: 2002-05-27T15:05:16Z
last-modified: 2023-01-30T11:49:30Z
source: RIPE # Filtered

Updated on Nov 2024 00:00:00 by 2024 from Cene

ARM SUNDAY 5

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November 5, 2024 10:08 PM

VPN 100%

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remarks: North America Community Action

remarks: 1299:500x All peers North America incl:

remarks: 1299:552x NTT/2914

remarks: 1299:553x Zayo/6461

remarks: 1299:554x Orange/5511

remarks: 1299:556x Lumen/3356

remarks: 1299:557x Verizon/701

remarks: 1299:558x AT&T/7018

remarks: 1299:559x Telxius/12956

remarks: 1299:563x TATA/6453

remarks: 1299:564x DTAG/3320

remarks: 1299:566x Comcast/7922

remarks: 1299:569x GTT/3257

remarks: 1299:570x Liberty Global/6830

remarks: 1299:573x Cogent/174

remarks: 1299:574x Telecom Italia/6762

remarks: 1299:587x China Unicom/4837

remarks: 1299:588x China Telecom/4134

remarks: Asia peers

remarks: Community Action

remarks: 1299:700x All peers Asia incl:

remarks: 1299:754x Orange/5511

remarks: 1299:756x Lumen/3356

remarks: 1299:757x Verizon/703

remarks: 1299:758x AT&T/2687

remarks: 1299:763x TATA/6453

remarks: 1299:764x DTAG/3320

remarks: 1299:769x GTT/3257

remarks: 1299:774x Telecom Italia/6762

remarks: 1299:784x Vodafone/1273

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abuse-c: AR61450-RIPE

mnt-by: Twelve99-IRR-MNT

mnt-by: RIPE-NCC-END-MNT

created: 2002-09-19T08:19:14Z

last-modified: 2024-11-01T10:08:43Z

source: RIPE # Filtered

organisation: ORG-TCA32-RIPE

11

ARM SUNDAY 5

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November 5, 2024 10:08 PM

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remarks: North America Community Action

remarks: 1299:500x All peers North America incl:

remarks: 1299:552x NTT/2914

remarks: 1299:553x Zayo/6461

remarks: 1299:554x Orange/5511

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remarks: 1299:559x Telxius/12956

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created: 2002-09-19T08:19:14Z

last-modified: 2024-11-01T10:08:43Z

source: RIPE # Filtered

organisation: ORG-TCA32-RIPE

11

ARM SUNDAY 5

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November 5, 2024 10:08 PM

VPN 100%

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remarks: -----

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remarks: AS1299 is matching RPKI validation state and reject

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remarks: validation state for all prefixes.

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remarks: of invalid prefixes.

remarks: -----

status: ASSIGNED

abuse-c: AR61450-RIPE

mnt-by: Twelve99-IRR-MNT

mnt-by: RIPE-NCC-END-MNT

created: 2002-09-19T08:19:14Z

last-modified: 2024-11-01T10:08:43Z

source: RIPE # Filtered

organisation: ORG-TCA32-RIPE



AS1299 Arelion Sweden AB

Quick Links

- GP Toolkit Home
- GP Prefix Report
- GP Peer Report
- uper Traceroute
- uper Looking Glass
- xchange Report
- ogon Routes
- orld Report
- ulti Origin Routes
- NS Report
- op Host Report
- ternet Statistics
- oking Glass
- etwork Tools App
- ree IPv6 Tunnel
- IPv6 Certification
- IPv6 Progress
- oing Native
- redits
- ontact Us

- AS Info
- Graph v4
- Graph v6
- Prefixes v4
- Prefixes v6
- Peers v4
- Peers v6
- Who
- RDAP
- IRR
- IX
- Traceroute

- Traceroute
- Ping
- DNS Lookup

Select Target

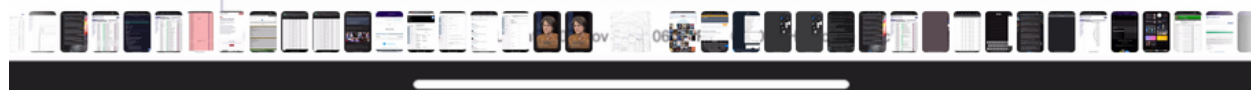
Select Probe

[Showing v4 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	62.115.192.103	Gamla Stan Stockholm, SE

Perform
Query!

Results will appear





AS1299 Arelion Sweden AB

- Quick Links**
- GP Toolkit Home
 - GP Prefix Report
 - GP Peer Report
 - uper Traceroute
 - uper Looking Glass
 - xchange Report
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- [AS Info](#) [Graph v4](#) [Graph v6](#) [Prefixes v4](#) [Prefixes v6](#) [Peers v4](#) [Peers v6](#)
[Whois](#) [RDAP](#) [IRR](#) [IX](#) [Traceroute](#)

Exchange		CC	City	IPv4	IPv6
DATAIX		NL	Amsterdam	178.18.225.3	
JPNAP Osaka		JP	Osaka	210.173.184.154	2001:7fa:7:2::1299:1
JPNAP Tokyo		JP	Tokyo	210.173.176.54	2001:7fa:7:1::1299:1
LINX LON1		GB	London	195.66.227.163	2001:7f8:4::513:1
NaMeX		IT	Rome	193.201.28.27	2001:7f8:10::1299



Search

AS1299 Arelion Sweden AB

Quick Links

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uper Looking Glass
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NS Report
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ontact Us

AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6
Whois RDAP IRR IX Traceroute

RIPE

```
aut-num: AS1299
org: ORG-TCA32-RIPE
as-name: TWELVE99
descr: Arelion, f/k/a Telia Carrier
remarks:
remarks:
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
import:
from AS26 accept AS26:AS-ALL
mp-import:
afi ipv6 from AS26 accept AS26:AS-ALL
import:
from AS42 accept AS-PCH
mp-import:
afi ipv6 from AS42 accept AS-PCH
import:
from AS46 accept AS-RUTGERS
mp-import:
afi ipv6 from AS46 accept AS-RUTGERS
import:
from AS57 accept AS-NLG-T0-TRANSIT
mp-import:
afi ipv6 from AS57 accept AS-NLG-T0-TRANSIT
import:
from AS109 accept AS-CISCO
mp-import:
afi ipv6 from AS109 accept AS-CISCO
import:
from AS137 accept AS-GARR
mp-import:
afi ipv6 from AS137 accept AS-GARR
import:
from AS158 accept AS158
mp-import:
afi ipv6 from AS158 accept AS158
import:
from AS174 accept AS174
mp-import:
afi ipv6 from AS174 accept AS174
import:
from AS237 accept AS-MICHNET
mp-import:
afi ipv6 from AS237 accept AS-MICHNET
import:
from AS249 accept AS249:AS-CUSTOMERS
mp-import:
afi ipv6 from AS249 accept AS249:AS-CUSTOMERS
import:
from AS271 accept AS271:AS-BCNET-MEMBERS
mp-import:
afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS
import:
from AS302 accept AS-BCMI1
mp-import:
afi ipv6 from AS302 accept AS-BCMI1
import:
from AS553 accept AS-BELWUE
mp-import:
afi ipv6 from AS553 accept AS-BELWUE
import:
from AS559 accept AS-SWITCH
mp-import:
afi ipv6 from AS559 accept AS-SWITCH
import:
from AS577 accept AS577:AS-CUSTOMERS
mp-import:
afi ipv6 from AS577 accept AS577:AS-CUSTOMERS
import:
from AS680 accept AS-DFNTOWINISP
mp-import:
afi ipv6 from AS680 accept AS-DFNTOWINISP
import:
from AS701 accept AS701
mp-import:
afi ipv6 from AS701 accept AS701
import:
from AS702 accept AS702:RS-EURO
import:
from AS702 accept AS702:RS-CUSTOMER
mp-import:
afi ipv6 from AS702 accept AS702:RS-EURO
mp-import:
afi ipv6 from AS702 accept AS702:RS-CUSTOMER
import:
from AS703 accept AS703
mp-import:
afi ipv6 from AS703 accept AS703
import:
from AS714 accept AS-APPLE
```


HURRICANE ELECTRIC INTERNET SERVICES

AS1299 Arelion Sweden AB

- links
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- Graph v4
- Graph v6
- Prefixes v4
- Prefixes v6
- Peers v4
- Peers v6
- Whois
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- IRR
- IX
- Traceroute

- Home
- Report
- Report
- route
- ing Glass
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- Routes
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- report
- tistics
- iss
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- tunnel
- ation
- iss
- e

Traceroute

Ping

DNS Lookup

Select Target

v4 v6

Select Probe

[Showing v6 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	2001:2035:0:28fe::2	Gamla Stan Stockholm, SE

Perform Query!

[missing target]

Results will appear here.

HURRICANE ELECTRIC INTERNET SERVICES

AS1299 Arelion Sweden AB

Links AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6 Whois
RDAP IRR IX Traceroute

Home
Report
Report
Route
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Report
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Traceroute Ping DNS Lookup

Select Target

Select Probe

[Showing v4 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	62.115.192.103	Gamla Stan Stockholm, SE

Perform Query! [missing target]

Results will appear here.

HURRICANE ELECTRIC INTERNET SERVICES

AS1299 Arelion Sweden AB

- links
- AS Info
- Graph v4
- Graph v6
- Prefixes v4
- Prefixes v6
- Peers v4
- Peers v6
- Whois
- RDAP
- IRR
- IX
- Traceroute

- Home
- Report
- Report
- route
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- Routes
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- report
- tistics
- iss
- ols App
- tunnel
- ation
- iss
- e

- Traceroute
- Ping
- DNS Lookup

Select Target

v4 v6

Select Probe

[Showing v6 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	2001:2035:0:28fe::2	Gamla Stan Stockholm, SE

Perform
Query!

[missing
target]

Results will appear here.



HURRICANE ELECTRIC
INTERNET SERVICES

Search

AS1299 Arelion Sweden AB

Quick Links

GP Toolkit Home
GP Prefix Report
GP Peer Report
uper Traceroute
uper Looking Glass
xchange Report
ogon Routes
orld Report
ulti Origin Routes
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p Host Report
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ree IPv6 Tunnel
v6 Certification
v6 Progress
oing Native
redits
ontact Us

AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6
Whois RDAP IRR IX Traceroute

RIPE

```
aut-num: AS1299
org: ORG-TCA32-RIPE
as-name: TWELVE99
descr: Arelion, f/k/a Telia Carrier
remarks:
remarks:
remarks: As of June 1 2021, Arelion and its affiliates are no
remarks: longer part of or affiliated with Telia Company.
remarks:
import: from AS26 accept AS26:AS-ALL
mp-import: afi ipv6 from AS26 accept AS26:AS-ALL
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mp-import: afi ipv6 from AS42 accept AS-PCH
import: from AS46 accept AS-RUTGERS
mp-import: afi ipv6 from AS46 accept AS-RUTGERS
import: from AS57 accept AS-NLG-TO-TRANSIT
mp-import: afi ipv6 from AS57 accept AS-NLG-TO-TRANSIT
import: from AS109 accept AS-CISCO
mp-import: afi ipv6 from AS109 accept AS-CISCO
import: from AS137 accept AS-GARR
mp-import: afi ipv6 from AS137 accept AS-GARR
import: from AS158 accept AS158
mp-import: afi ipv6 from AS158 accept AS158
import: from AS174 accept AS174
mp-import: afi ipv6 from AS174 accept AS174
import: from AS237 accept AS-MICHNET
mp-import: afi ipv6 from AS237 accept AS-MICHNET
import: from AS249 accept AS249:AS-CUSTOMERS
mp-import: afi ipv6 from AS249 accept AS249:AS-CUSTOMERS
import: from AS271 accept AS271:AS-BCNET-MEMBERS
mp-import: afi ipv6 from AS271 accept AS271:AS-BCNET-MEMBERS
import: from AS302 accept AS-BCMI1
mp-import: afi ipv6 from AS302 accept AS-BCMI1
import: from AS553 accept AS-BELWUE
mp-import: afi ipv6 from AS553 accept AS-BELWUE
import: from AS559 accept AS-SWITCH
mp-import: afi ipv6 from AS559 accept AS-SWITCH
import: from AS577 accept AS577:AS-CUSTOMERS
mp-import: afi ipv6 from AS577 accept AS577:AS-CUSTOMERS
import: from AS680 accept AS-DFNTOWINISP
mp-import: afi ipv6 from AS680 accept AS-DFNTOWINISP
import: from AS701 accept AS701
mp-import: afi ipv6 from AS701 accept AS701
import: from AS702 accept AS702:RS-EURO
import: from AS702 accept AS702:RS-CUSTOMER
mp-import: afi ipv6 from AS702 accept AS702:RS-EURO
mp-import: afi ipv6 from AS702 accept AS702:RS-CUSTOMER
import: from AS703 accept AS703
mp-import: afi ipv6 from AS703 accept AS703
import: from AS714 accept AS-APPLE
```

HURRICANE ELECTRIC INTERNET SERVICES

AS1299 Arelion Sweden AB

links AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6 Whois
RDAP IRR IX Traceroute

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Traceroute Ping DNS Lookup

Select Target

Select Probe

[Showing v6 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	2001:2035:0:28fe::2	Gamla Stan Stockholm, SE

Perform
Query!

[missing
target]

Results will appear here.

HURRICANE ELECTRIC INTERNET SERVICES

AS1299 Arelion Sweden AB

- links
- AS Info
- Graph v4
- Graph v6
- Prefixes v4
- Prefixes v6
- Peers v4
- Peers v6
- Whois
- RDAP
- IRR
- IX
- Traceroute

- Home
- Report
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- Routes
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- Traceroute
- Ping
- DNS Lookup

Select Target

v4 v6

Select Probe

[Showing v6 probes]

Type	Name	ASN	IP	City
Probes in AS1299				
RIPE	Probe #1008898	1299	2001:2035:0:28fe::2	Gamla Stan Stockholm, SE

Perform
Query!

[missing
target]

Results will appear here.



AS1299 Arelion Sweden AB

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AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6
Whois RDAP IRR IX Traceroute

Exchange		CC	City	IPv4	IPv6
DATAIX		NL	Amsterdam	178.18.225.3	
JPNAP Osaka		JP	Osaka	210.173.184.154	2001:7fa:7:2::1299:1
JPNAP Tokyo		JP	Tokyo	210.173.176.54	2001:7fa:7:1::1299:1
LINX LON1		GB	London	195.66.227.163	2001:7f8:4::513:1
NaMeX		IT	Rome	193.201.28.27	2001:7f8:10::1299

JPNAP Tokyo

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Exchange Info

JPNAP Tokyo

Website: <https://www.jpnap.net/en/>
Statistics: <https://www.jpnap.net/ix/traffic.html>
Members: 256
Data Feed Health: 

Region: Asia Pacific
Country: Japan
City: Tokyo

Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp

IPv4 Prefixes: 210.173.176.0/23

IPv6 Prefixes: 2001:7fa:7:1::/64

ASN	Name	IPv4	IPv6
AS173	Nippon Telegraph and Telephone Corporation	210.173.176.33	
AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
AS983	Akari Networks LLC	210.173.177.97	2001:7fa:7:1::983:1
AS984	OCTOPUS WEB SOLUTION INC	210.173.177.88	2001:7fa:7:1::984:1
AS1299	Arelion Sweden AB	210.173.176.54	2001:7fa:7:1::1299:1
AS2497	Internet Initiative Japan Inc.	210.173.176.219 210.173.176.190 210.173.176.141 210.173.176.142	2001:7fa:7:1::2497:5 2001:7fa:7:1::2497:3 2001:7fa:7:1::2497:2 2001:7fa:7:1::2497:4
AS2514	NTT PC Communications, Inc.	210.173.176.37 210.173.176.18	2001:7fa:7:1::2514:1 2001:7fa:7:1::2514:2
AS2515	Japan Network Information Center	210.173.176.230	2001:7fa:7:1::2515:1
AS2518	BIGLOBE Inc.	210.173.176.14 210.173.176.124	2001:7fa:7:1::2518:3 2001:7fa:7:1::2518:2
AS2519	ARTERIA Networks Corporation	210.173.176.25	2001:7fa:7:1::2519:1
AS2527	Sony Network Communications Inc.	210.173.176.23	2001:7fa:7:1::2527:1
AS2635	Automattic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2



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Exchange Info

JPNAP Tokyo

Website: <https://www.jpnap.net/en/>
Statistics: <https://www.jpnap.net/ix/traffic.html>
Members: 256
Data Feed Health:

Region: Asia Pacific
Country: Japan
City: Tokyo

Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp

IPv4 Prefixes: 210.173.176.0/23

IPv6 Prefixes: 2001:7fa:7:1::/64

ASN	Name	IPv4	IPv6
AS173	Nippon Telegraph and Telephone Corporation	210.173.176.33	
AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
AS983	Akari Networks LLC	210.173.177.97	2001:7fa:7:1::983:1
AS984	OCTOPUS WEB SOLUTION INC	210.173.177.88	2001:7fa:7:1::984:1
AS1299	Arelion Sweden AB	210.173.176.54	2001:7fa:7:1::1299:1
AS2497	Internet Initiative Japan Inc.	210.173.176.219 210.173.176.190 210.173.176.141 210.173.176.142	2001:7fa:7:1::2497:5 2001:7fa:7:1::2497:3 2001:7fa:7:1::2497:2 2001:7fa:7:1::2497:4
AS2514	NTT PC Communications, Inc.	210.173.176.37 210.173.176.18	2001:7fa:7:1::2514:1 2001:7fa:7:1::2514:2
AS2515	Japan Network Information Center	210.173.176.230	2001:7fa:7:1::2515:1
AS2518	BIGLOBE Inc.	210.173.176.14 210.173.176.124	2001:7fa:7:1::2518:3 2001:7fa:7:1::2518:2
AS2519	ARTERIA Networks Corporation	210.173.176.25	2001:7fa:7:1::2519:1
AS2527	Sony Network Communications Inc.	210.173.176.23	2001:7fa:7:1::2527:1
AS2635	Automattic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2

PARAMS at Nov 5				November 5, 2024	210.173.177.106	2001:7fa:7:1::6939:1
AS6507	Riot Games, Inc.	210.173.177.106	2001:7fa:7:1::6939:1			
AS6774	Belgacom International	210.173.177.106	2001:7fa:7:1::6939:1			
AS6939	Hurricane Electric LLC	210.173.176.106	2001:7fa:7:1::6939:1			
AS7483	APNIC ASN block	210.173.177.132	2001:7fa:7:1::7483:1			
AS7500	WIDE Project	210.173.176.242	2001:7fa:7:1::7500:1			
AS7511	SYNAPSE Internet Service AS7511	210.173.177.91	2001:7fa:7:1::7511:1			
AS7516	TOHKnet Co.,Inc.	210.173.177.55	2001:7fa:7:1::7516:1			
AS7522	STCN by STNet Inc.	210.173.176.73	2001:7fa:7:1::7522:1			
AS7524	ITEC Hankyu Hanshin Co.,Ltd.	210.173.176.65	2001:7fa:7:1::7524:1			
AS7529	NetIRD Inc. Transit Network	210.173.176.107	2001:7fa:7:1::7529:1			
AS7530	BroadBand Tower, Inc.	210.173.176.35	2001:7fa:7:1::7530:1			
AS7670	Energia Communications,Inc.	210.173.176.97	2001:7fa:7:1::7670:1			
AS7672	The Hokuden Information System Service Company, Inc.	210.173.176.184	2001:7fa:7:1::7672:1			
AS7679	QTnet, Inc./QTNnet	210.173.176.240	2001:7fa:7:1::7679:1			
AS7682	Hokkaido Telecommunication Network Co., Inc.	210.173.176.32	2001:7fa:7:1::7682:1			
AS7687	TOYOTA SYSTEMS CORPORATION	210.173.177.70				
AS7690	Mirai Communication Network Inc.	210.173.176.235	2001:7fa:7:1::7690:1			
AS7713	PT Telekomunikasi Indonesia	210.173.176.175	2001:7fa:7:1::7713:1			
AS8075	Microsoft Corporation	210.173.176.16 210.173.177.11	2001:7fa:7:1::8075:1 2001:7fa:7:1::8075:2			
AS8220	COLT Technology Services Group Limited	210.173.176.50	2001:7fa:7:1::8220:1			
AS8674	Netnod AB	210.173.176.43	2001:7fa:7:1::8674:1			
AS8966	Etisalat - Emirates Telecommunications Corporation	210.173.176.186	2001:7fa:7:1::8966:1			
AS9002	RETN Limited	210.173.176.139	2001:7fa:7:1::9002:1			
AS9231	China Mobile Hong Kong Company Limited	210.173.177.150				
AS9269	Hong Kong Broadband Network Ltd.	210.173.176.148	2001:7fa:7:1::9269:1			
AS9293	NTT Com Asia Limited	210.173.176.51	2001:7fa:7:1::9293:1			
AS9299	Philippine Long Distance Telephone Company	210.173.176.159	2001:7fa:7:1::9299:1			
AS9351	ZTV	210.173.176.48	2001:7fa:7:1::9351:1			
AS9354	Community Network Center Inc.,	210.173.177.48 210.173.176.162	2001:7fa:7:1::9354:2 2001:7fa:7:1::9354:1			
AS9370	SAKURA internet // EAST JAPAN BACKBONE	210.173.176.63	2001:7fa:7:1::9370:1			
AS9374	EDION-NET	210.173.176.181	2001:7fa:7:1::9374:1			
AS9409	Rapid-Fire-y	210.173.177.120	2001:7fa:7:1::9409:1			
AS9595	NTT-ME Corporation	210.173.176.22 210.173.176.12	2001:7fa:7:1::9595:2 2001:7fa:7:1::9595:1			
AS9597	KDDI Web Communications Inc.	210.173.177.133 210.173.177.134	2001:7fa:7:1::9597:1 2001:7fa:7:1::9597:2			
AS9605	NTT DOCOMO, INC.	210.173.176.102 210.173.177.24 210.173.176.7 210.173.176.6 210.173.177.69	2001:7fa:7:1::9605:12 2001:7fa:7:1::9605:11 2001:7fa:7:1::9605:3 2001:7fa:7:1::9605:2 2001:7fa:7:1::9605:13			
AS9607	BroadBand Tower, Inc.	210.173.176.34	2001:7fa:7:1::9607:1			
AS9622	KCT-NET KCT CORPORATION	210.173.176.192	2001:7fa:7:1::9622:1			

Technical Contact:
 Policy Contact:

November 5, 2024
 10:08 PM

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IPv4 Prefixes: 210.173.176.0/23
 IPv6 Prefixes: 2001:7fa:7:1::/64

ASN	Name	IPv4	IPv6
AS173	Nippon Telegraph and Telephone Corporation	210.173.176.33	
AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
AS983	Akari Networks LLC	210.173.177.97	2001:7fa:7:1::983:1
AS984	OCTOPUS WEB SOLUTION INC	210.173.177.88	2001:7fa:7:1::984:1
AS1299	Arelion Sweden AB	210.173.176.54	2001:7fa:7:1::1299:1
AS2497	Internet Initiative Japan Inc.	210.173.176.219 210.173.176.190 210.173.176.141 210.173.176.142	2001:7fa:7:1::2497:5 2001:7fa:7:1::2497:3 2001:7fa:7:1::2497:2 2001:7fa:7:1::2497:4
AS2514	NTT PC Communications, Inc.	210.173.176.37 210.173.176.18	2001:7fa:7:1::2514:1 2001:7fa:7:1::2514:2
AS2515	Japan Network Information Center	210.173.176.230	2001:7fa:7:1::2515:1
AS2518	BIGLOBE Inc.	210.173.176.14 210.173.176.124	2001:7fa:7:1::2518:3 2001:7fa:7:1::2518:2
AS2519	ARTERIA Networks Corporation	210.173.176.25	2001:7fa:7:1::2519:1
AS2527	Sony Network Communications Inc.	210.173.176.23	2001:7fa:7:1::2527:1
AS2635	Automattic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2
AS2907	National Institute of Informatics	210.173.176.94	2001:7fa:7:1::2907:1
AS3216	PJSC Vimpelcom	210.173.177.80	2001:7fa:7:1::3216:1
AS3303	Swisscom (Schweiz) AG	210.173.176.156	2001:7fa:7:1::3303:1
AS3605	Guam Cablevision, LLC.	210.173.176.197	2001:7fa:7:1::3605:1
AS4637	Telstra Global	210.173.176.24	2001:7fa:7:1::4637:1
AS4651	The Communications Authority of Thailand(CAT)	210.173.176.128	2001:7fa:7:1::4651:1
AS4673	InterVia	210.173.176.17	2001:7fa:7:1::4673:1
AS4685	Asahi Net, Inc.	210.173.176.176 210.173.176.44	2001:7fa:7:1::4685:1 2001:7fa:7:1::4685:2
AS4693	SCSK,AS4693	210.173.176.39	2001:7fa:7:1::4693:1
AS4694	IDC Frontier Inc.	210.173.176.90	2001:7fa:7:1::4694:1
AS4697	NTT Network Service Systems Laboratories	210.173.176.11	2001:7fa:7:1::4697:1
AS4713	NTT Communications Corporation	210.173.177.31 210.173.177.30 210.173.176.45 210.173.176.46	2001:7fa:7:1::4713:2 2001:7fa:7:1::4713:7 2001:7fa:7:1::4713:8 2001:7fa:7:1::4713:1
AS4775	Globe Telecoms	210.173.176.232	2001:7fa:7:1::4775:1
AS4788	TM TECHNOLOGY SERVICES SDN. BHD.	210.173.176.72	2001:7fa:7:1::4788:1
AS6461	Zayo Bandwidth	210.173.177.14	2001:7fa:7:1::6461:1
AS6774	Belgacom International Carrier Services SA	210.173.177.25	2001:7fa:7:1::6774:1



AS2518	BIGLOBE Inc.	210.173.176.154	2001:7fa:7:1::2527:1
AS2519	ARTERIA Net	210.173.176.154	2001:7fa:7:1::2527:1
AS2527	Sony Network Communications Inc.	210.173.176.23	2001:7fa:7:1::2527:1
AS2635	Automatic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2
AS2907	National Institute of Informatics	210.173.176.94	2001:7fa:7:1::2907:1
AS3216	PJSC Vimpelcom	210.173.177.80	2001:7fa:7:1::3216:1
AS3303	Swisscom (Schweiz) AG	210.173.176.156	2001:7fa:7:1::3303:1
AS3605	Guam Cablevision, LLC.	210.173.176.197	2001:7fa:7:1::3605:1
AS4637	Telstra Global	210.173.176.24	2001:7fa:7:1::4637:1
AS4651	The Communications Authority of Thailand(CAT)	210.173.176.128	2001:7fa:7:1::4651:1
AS4673	InterVia	210.173.176.17	2001:7fa:7:1::4673:1
AS4685	Asahi Net, Inc.	210.173.176.176 210.173.176.44	2001:7fa:7:1::4685:1 2001:7fa:7:1::4685:2
AS4693	SCSK,AS4693	210.173.176.39	2001:7fa:7:1::4693:1
AS4694	IDC Frontier Inc.	210.173.176.90	2001:7fa:7:1::4694:1
AS4697	NTT Network Service Systems Laboratories	210.173.176.11	2001:7fa:7:1::4697:1
AS4713	NTT Communications Corporation	210.173.177.31 210.173.177.30 210.173.176.45 210.173.176.46	2001:7fa:7:1::4713:2 2001:7fa:7:1::4713:7 2001:7fa:7:1::4713:8 2001:7fa:7:1::4713:1
AS4775	Globe Telecoms	210.173.176.232	2001:7fa:7:1::4775:1
AS4788	TM TECHNOLOGY SERVICES SDN. BHD.	210.173.176.72	2001:7fa:7:1::4788:1
AS6461	Zayo Bandwidth	210.173.177.14	2001:7fa:7:1::6461:1
AS6507	Riot Games, Inc	210.173.176.108	2001:7fa:7:1::6507:1
AS6774	Belgacom International Carrier Services SA	210.173.177.25	2001:7fa:7:1::6774:1
AS6939	Hurricane Electric LLC	210.173.176.106	2001:7fa:7:1::6939:1
AS7483	APNIC ASN block	210.173.177.132	2001:7fa:7:1::7483:1
AS7500	WIDE Project	210.173.176.242	2001:7fa:7:1::7500:1
AS7511	SYNAPSE Internet Service AS7511	210.173.177.91	2001:7fa:7:1::7511:1
AS7516	TOHKnet Co.,Inc.	210.173.177.55	2001:7fa:7:1::7516:1
AS7522	STCN by STNet Inc.	210.173.176.73	2001:7fa:7:1::7522:1
AS7524	iTEC Hankyu Hanshin Co.,Ltd.	210.173.176.65	2001:7fa:7:1::7524:1
AS7529	NetIRD Inc. Transit Network	210.173.176.107	2001:7fa:7:1::7529:1
AS7530	BroadBand Tower, Inc.	210.173.176.35	2001:7fa:7:1::7530:1
AS7670	Energia Communications,Inc.	210.173.176.97	2001:7fa:7:1::7670:1
AS7672	The Hokuden Information System Service Company, Inc.	210.173.176.184	2001:7fa:7:1::7672:1
AS7679	QTnet, Inc./QTNet	210.173.176.240	2001:7fa:7:1::7679:1
AS7682	Hokkaido Telecommunication Network Co., Inc.	210.173.176.32	2001:7fa:7:1::7682:1
AS7687	TOYOTA SYSTEMS CORPORATION	210.173.177.70	
AS7690	Mirai Communication Network Inc.	210.173.176.235	2001:7fa:7:1::7690:1
AS7713	PT Telekomunikasi Indonesia	210.173.176.175	2001:7fa:7:1::7713:1
AS8075	Microsoft Corporation	210.173.176.175	2001:7fa:7:1::8075:1



AS9924	Taiwan Fixed Network Service Provider.	210.173.176.88	2001:7fa:7:1::9957:1
AS9957	KINX	210.173.176.88	2001:7fa:7:1::9957:1
AS9993	ITOCHU Techno-Solutions Corporation	210.173.176.195	2001:7fa:7:1::9993:1
AS9997	Suzuka Cable Co.,Ltd	210.173.176.92	2001:7fa:7:1::9997:1
AS9999	AT TOKYO Corporation expire24	210.173.176.247	2001:7fa:7:1::9999:1
AS10000	Nagasaki Cable Media Inc.	210.173.176.179	2001:7fa:7:1:0:1:0:1
AS10003	OCT NET	210.173.176.234	2001:7fa:7:1:0:1:3:1
AS10004	Phoenix Communications Inc.	210.173.177.79	2001:7fa:7:1:0:1:4:1
AS10006	SECOM Trust Systems CO.,LTD.	210.173.176.224	2001:7fa:7:1:0:1:6:1
AS10010	TOKAI	210.173.177.147 210.173.176.229	2001:7fa:7:1:0:1:10:2 2001:7fa:7:1:0:1:10:1
AS10011	advanscope inc.	210.173.177.74	2001:7fa:7:1:0:1:11:1
AS10013	FreeBit Co.,Ltd.	210.173.176.49 210.173.176.38	2001:7fa:7:1:0:1:13:1 2001:7fa:7:1:0:1:13:2
AS10019	Matsusaka CATV Station Co., Ltd.	210.173.176.53	2001:7fa:7:1:0:1:19:1
AS10310	Oath Holdings Inc.	210.173.176.173 210.173.176.174	2001:7fa:7:1:0:1:310:1 2001:7fa:7:1:0:1:310:2
AS12389	PJSC Rostelecom	210.173.176.137	2001:7fa:7:1:0:1:2389:1
AS13150	CATO NETWORKS LTD	210.173.177.50	
AS13335	Cloudflare, Inc.	210.173.177.136 210.173.176.127	2001:7fa:7:1:0:1:3335:2 2001:7fa:7:1:0:1:3335:1
AS13414	Twitter Inc.	210.173.176.134 210.173.176.152	2001:7fa:7:1:0:1:3414:2 2001:7fa:7:1:0:1:3414:1
AS13445	Cisco Webex LLC	210.173.176.233	2001:7fa:7:1:0:1:3445:1
AS14537	Continent 8 LLC	210.173.176.93	2001:7fa:7:1:0:1:4537:1
AS15133	Edgecast Inc.	210.173.176.75 210.173.176.74	2001:7fa:7:1:0:1:5133:2 2001:7fa:7:1:0:1:5133:1
AS15169	Google LLC	210.173.176.243 210.173.176.245	2001:7fa:7:1:0:1:5169:2 2001:7fa:7:1:0:1:5169:1
AS15412	FLAG TELECOM UK LIMITED	210.173.176.96	2001:7fa:7:1:0:1:5412:1
AS15830	Equinix (EMEA) Acquisition Enterprises B.V.	210.173.177.104	2001:7fa:7:1:0:1:5830:1
AS16509	Amazon.com, Inc.	210.173.177.18 210.173.176.198 210.173.177.19 210.173.176.188	2001:7fa:7:1:0:1:6509:2 2001:7fa:7:1:0:1:6509:3 2001:7fa:7:1:0:1:6509:4 2001:7fa:7:1:0:1:6509:1
AS16552	Tiggee LLC	210.173.176.227	2001:7fa:7:1:0:1:6552:1
AS17511	OPTAGE Inc.	210.173.176.136 210.173.176.236	2001:7fa:7:1:0:1:7511:2 2001:7fa:7:1:0:1:7511:1
AS17639	Converge ICT Solutions Inc.	210.173.176.138	2001:7fa:7:1:0:1:7639:1
AS17676	SoftBank Corp.	210.173.176.83 210.173.176.87	2001:7fa:7:1:0:1:7676:1 2001:7fa:7:1:0:1:7676:2
AS17682	CABLENET296	210.173.177.42	2001:7fa:7:1:0:1:7682:1
AS17683	Wingtechnology Communications, Inc.	210.173.176.130	2001:7fa:7:1:0:1:7683:1
AS17685	SQUARE-POL AS	210.173.176.26	
AS17686	Network for Accelia, Inc	210.173.176.69	2001:7fa:7:1:0:1:7686:1
AS17707	AS for DATAHOTEL, which is one of iDC in Japan,	210.173.176.27 210.173.176.29	
AS17931	Netforest, Inc.	210.173.177.43	2001:7fa:7:1:0:1:7931:1
AS17939	mivazaki cabletelevision network Co. LTD	210.173.176.52	2001:7fa:7:1:0:1:7939:1
AS17941	LINE Telecommunications Corp.	210.173.176.230	2001:7fa:7:1:0:1:7941:1

AS9354	Community Net	210.173.177.10	2001:7fa:7:1:9354:1
AS9370	SAKURA intern	210.173.177.10	2001:7fa:7:1:9370:1
AS9374	EDION-NET	210.173.176.181	2001:7fa:7:1:9374:1
AS9409	Rapid-Fire-y	210.173.177.120	2001:7fa:7:1:9409:1
AS9595	NTT-ME Corporation	210.173.176.22 210.173.176.12	2001:7fa:7:1:9595:2 2001:7fa:7:1:9595:1
AS9597	KDDI Web Communications Inc.	210.173.177.133 210.173.177.134	2001:7fa:7:1:9597:1 2001:7fa:7:1:9597:2
AS9605	NTT DOCOMO, INC.	210.173.176.102 210.173.177.24 210.173.176.7 210.173.176.6 210.173.177.69	2001:7fa:7:1:9605:12 2001:7fa:7:1:9605:11 2001:7fa:7:1:9605:3 2001:7fa:7:1:9605:2 2001:7fa:7:1:9605:13
AS9607	BroadBand Tower, Inc.	210.173.176.34	2001:7fa:7:1:9607:1
AS9622	KCT-NET KCT CORPORATION	210.173.176.192	2001:7fa:7:1:9622:1
AS9824	JCOM Co., Ltd.	210.173.177.9 210.173.176.217	2001:7fa:7:1:9824:1 2001:7fa:7:1:9824:2
AS9886	CTCSCI TECH LIMITED	210.173.177.151	2001:7fa:7:1:9886:1
AS9924	Taiwan Fixed Network, Telco and Network Service Provider.	210.173.176.70	2001:7fa:7:1:9924:1
AS9957	KINX	210.173.176.88	2001:7fa:7:1:9957:1
AS9993	ITOCHU Techno-Solutions Corporation	210.173.176.195	2001:7fa:7:1:9993:1
AS9997	Suzuka Cable Co.,Ltd	210.173.176.92	2001:7fa:7:1:9997:1
AS9999	AT TOKYO Corporation expire24	210.173.176.247	2001:7fa:7:1:9999:1
AS10000	Nagasaki Cable Media Inc.	210.173.176.179	2001:7fa:7:1:0:1:0:1
AS10003	OCT NET	210.173.176.234	2001:7fa:7:1:0:1:3:1
AS10004	Phoenix Communications Inc.	210.173.177.79	2001:7fa:7:1:0:1:4:1
AS10006	SECOM Trust Systems CO.,LTD.	210.173.176.224	2001:7fa:7:1:0:1:6:1
AS10010	TOKAI	210.173.177.147 210.173.176.229	2001:7fa:7:1:0:1:10:2 2001:7fa:7:1:0:1:10:1
AS10011	advanscope inc.	210.173.177.74	2001:7fa:7:1:0:1:11:1
AS10013	FreeBit Co,Ltd.	210.173.176.49 210.173.176.38	2001:7fa:7:1:0:1:13:1 2001:7fa:7:1:0:1:13:2
AS10019	Matsusaka CATV Station Co., Ltd.	210.173.176.53	2001:7fa:7:1:0:1:19:1
AS10310	Oath Holdings Inc.	210.173.176.173 210.173.176.174	2001:7fa:7:1:0:1:310:1 2001:7fa:7:1:0:1:310:2
AS12389	PJSC Rostelecom	210.173.176.137	2001:7fa:7:1:0:1:2389:1
AS13150	CATO NETWORKS LTD	210.173.177.50	
AS13335	Cloudflare, Inc.	210.173.177.136 210.173.176.127	2001:7fa:7:1:0:1:3335:2 2001:7fa:7:1:0:1:3335:1
AS13414	Twitter Inc.	210.173.176.134 210.173.176.152	2001:7fa:7:1:0:1:3414:2 2001:7fa:7:1:0:1:3414:1
AS13445	Cisco Webex LLC	210.173.176.233	2001:7fa:7:1:0:1:3445:1
AS14537	Continent 8 LLC	210.173.176.93	2001:7fa:7:1:0:1:4537:1
AS15133	Edgecast Inc.	210.173.176.75 210.173.176.74	2001:7fa:7:1:0:1:5133:2 2001:7fa:7:1:0:1:5133:1
AS15169	Google LLC	210.173.176.243 210.173.176.245	2001:7fa:7:1:0:1:5169:2 2001:7fa:7:1:0:1:5169:1
AS15412	PLTS TELECOM OR LIMITED	210.173.176.90	2001:7fa:7:1:0:1:5412:1
AS15830	Equinix (EMEA) Acquisition Enterprises B.V.	210.173.177.104	2001:7fa:7:1:0:1:5830:1

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AS16509	Amazon.com, Inc.	210.173.177.18 210.173.176.198 210.173.177.19 210.173.176.188	2001:7fa:7:1:0:1:6509:2 2001:7fa:7:1:0:1:6509:3 2001:7fa:7:1:0:1:6509:4 2001:7fa:7:1:0:1:6509:1
AS16552	Tiggee LLC	210.173.176.227	2001:7fa:7:1:0:1:6552:1
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AS17676	SoftBank Corp.	210.173.176.83 210.173.176.87	2001:7fa:7:1:0:1:7676:1 2001:7fa:7:1:0:1:7676:2
AS17682	CABLENET296	210.173.177.42	2001:7fa:7:1:0:1:7682:1
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AS17685	SQUARE-POL AS	210.173.176.26	
AS17686	Network for Accelia, Inc	210.173.176.69	2001:7fa:7:1:0:1:7686:1
AS17707	AS for DATAHOTEL, which is one of iDC in Japan,	210.173.176.27 210.173.176.29	
AS17931	Netforest, Inc.	210.173.177.43	2001:7fa:7:1:0:1:7931:1
AS17939	miyazaki cabletelevision network Co.,LTD	210.173.176.52	2001:7fa:7:1:0:1:7939:1
AS17941	2-2-43 Higashi-Shinagawa, Shinagawa-ku,Tokyo,140-0002,Japan	210.173.176.239	2001:7fa:7:1:0:1:7941:1
AS17955	Densan Co., Ltd.	210.173.176.237	2001:7fa:7:1:0:1:7955:1
AS17958	KCV YUME-NET	210.173.176.157	2001:7fa:7:1:0:1:7958:1
AS17961	mitene internet service	210.173.176.55	2001:7fa:7:1:0:1:7961:1
AS18081	Kintetsu Cable Network Ltd.	210.173.176.5	2001:7fa:7:1:0:1:8081:1
AS18092	Kyushu Tele Communications Company	210.173.176.20	2001:7fa:7:1:0:1:8092:1
AS18094	Tokyo Cable Network.,INC	210.173.176.177	
AS18121	Ishikawa Computer Center Co.,LTD incl Operations	210.173.177.45	2001:7fa:7:1:0:1:8121:1
AS18126	Chubu Telecommunications Company, Inc.	210.173.176.199	2001:7fa:7:1:0:1:8126:1
AS18129	OKAYAMA NETWOEK INC.	210.173.176.57	
AS18131	DXNW by NTT Communications Corporation	210.173.177.71	2001:7fa:7:1:0:1:8131:1
AS18150	Sagashimbun Co., Ltd.	210.173.176.36	
AS18260	EHIME CATV CO.,LTD.	210.173.176.79	2001:7fa:7:1:0:1:8260:1
AS18268	Naganoken Kyodou Densan Co.Ltd.	210.173.176.222	2001:7fa:7:1:0:1:8268:1
AS18274	Utsunomiya Cable TV maintainer	210.173.176.165	
AS18278	Cable TV Corporation	210.173.177.81 210.173.176.189	2001:7fa:7:1:0:1:8278:1 2001:7fa:7:1:0:1:8278:2
AS18282	Tonami System Solutions Co., Ltd.	210.173.176.77	2001:7fa:7:1:0:1:8282:1
AS18283	Euroai Channel Inc	210.173.176.105	2001:7fa:7:1:0:1:8283:1
AS18403	FPT Telecom Company	210.173.176.225	2001:7fa:7:1:0:1:8403:1

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AS20940	Akamai International Corp.	210.173.177.1 210.173.177.49 210.173.177.61	2001:7fa:7:1:0:2:3940:2 2001:7fa:7:1:0:2:940:3 2001:7fa:7:1:0:2:940:1
AS21859	Zenlayer Inc	210.173.177.32	2001:7fa:7:1:0:2:1859:1
AS22822	Limelight Networks, Inc.	210.173.177.83 210.173.176.80	2001:7fa:7:1:0:2:2822:2 2001:7fa:7:1:0:2:2822:1
AS23576	NAVER Cloud Corp.	210.173.176.182 210.173.177.130	
AS23618	Ibara Broadcasting Company,AS23618	210.173.177.54	
AS23620	DMM.com LLC	210.173.176.66 210.173.177.75	2001:7fa:7:1:0:2:3620:2 2001:7fa:7:1:0:2:3620:1
AS23627	UEDA CABLE VISION CO.,LTD.	210.173.176.61	2001:7fa:7:1:0:2:3627:1
AS23628	Academic newtown Community Cable Service	210.173.176.151	
AS23629	Obihiro City Cable Co.,Ltd. OCTV Network AS23629	210.173.176.42	2001:7fa:7:1:0:2:3629:1
AS23630	CAC Inc.	210.173.177.157	
AS23764	APNIC ASN block	210.173.177.101	2001:7fa:7:1:0:2:3764:1
AS23777	NTT BUSINESS SOLUTIONS CORPORATION	210.173.176.147	2001:7fa:7:1:0:2:3777:1
AS23778	IMIZU CABLE NETWORK CO.,LTD.	210.173.176.178	2001:7fa:7:1:0:2:3778:1
AS23779	NTT Communications, Corp.	210.173.176.59	
AS23780	CTB Media Inc.	210.173.176.193	2001:7fa:7:1:0:2:3780:1
AS23783	Cable Networks Akita Co.,Ltd.	210.173.176.31 210.173.177.115	2001:7fa:7:1:0:2:3783:2 2001:7fa:7:1:0:2:3783:1
AS23786	San-in Cable Vision CO.,LTD	210.173.176.58	2001:7fa:7:1:0:2:3786:1
AS23805	WATV-NET	210.173.177.22	2001:7fa:7:1:0:2:3805:1
AS23808	TOSHIMA CABLE NETWORK CO.,LTD	210.173.176.248	
AS23816	Yahoo Japan Corporation	210.173.176.241	2001:7fa:7:1:0:2:3816:1
AS23820	Rakuten Group, Inc.	210.173.176.15	2001:7fa:7:1:0:2:3820:1
AS23829	NTT NEOMEIT YAMAGUCHI CORPORATION	210.173.176.13	
AS24249	JWAY co., Ltd.	210.173.177.126	2001:7fa:7:1:0:2:4249:1
AS24252	Japan Registry Services Co., Ltd.	210.173.176.78	2001:7fa:7:1:0:2:4252:1
AS24253	J-Stream Inc.	210.173.177.131	2001:7fa:7:1:0:2:4253:1
AS24255	Tannan Cable Television Corporation	210.173.176.244	2001:7fa:7:1:0:2:4255:1
AS24259	Kanuma Cable Television Corporation	210.173.177.37	2001:7fa:7:1:0:2:4259:1
AS24271	Iruma Cable Television Co.,LTD.	210.173.177.89	2001:7fa:7:1:0:2:4271:1
AS24279	SENDAI CATV CO.,LTD.	210.173.176.223	2001:7fa:7:1:0:2:4279:1
AS24284	CyberAgent, Inc.	210.173.177.26	2001:7fa:7:1:0:2:4284:1
AS24290	Heart Network Co.,LTD	210.173.176.62	
AS24429	Zhejiang Taobao Network Co.,Ltd	210.173.177.6	2001:7fa:7:1:0:2:4429:1
AS24482	SG.GS	210.173.176.64	2001:7fa:7:1:0:2:4482:1
AS25152	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	210.173.176.85	2001:7fa:7:1:0:2:5152:1
AS30081	CacheNetworks, Inc.	210.173.177.15	2001:7fa:7:1:0:3:81:1
AS30103	Zoom Video Communications, Inc	210.173.177.60 210.173.177.64	2001:7fa:7:1:0:3:103:1 2001:7fa:7:1:0:3:103:2 2001:7fa:7:1:0:3:103:3
AS32261	SUBSPACE	210.173.176.218	2001:7fa:7:1:0:3:2261:1

AS24284	CyberAgent, Inc.	210.173.177.59	2001:7fa:7:1:0:2:4429:1
AS24290	Heart Network	210.173.177.60	2001:7fa:7:1:0:2:4482:1
AS24429	Zhejiang Taobao Network Co.,Ltd	210.173.177.6	2001:7fa:7:1:0:2:4429:1
AS24482	SG.GS	210.173.176.64	2001:7fa:7:1:0:2:4482:1
AS25152	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	210.173.176.85	2001:7fa:7:1:0:2:5152:1
AS30081	CacheNetworks, Inc.	210.173.177.15	2001:7fa:7:1:0:3:81:1
AS30103	Zoom Video Communications, Inc	210.173.177.59 210.173.177.60 210.173.177.64 210.173.177.65	2001:7fa:7:1:0:3:103:1 2001:7fa:7:1:0:3:103:2 2001:7fa:7:1:0:3:103:3 2001:7fa:7:1:0:3:103:4
AS32261	SUBSPACE	210.173.176.218	2001:7fa:7:1:0:3:2261:1
AS32590	Valve Corporation	210.173.176.155 210.173.176.185	2001:7fa:7:1:0:3:2590:2 2001:7fa:7:1:0:3:2590:1
AS32787	Akamai Technologies, Inc.	210.173.176.122	2001:7fa:7:1:0:3:2787:1
AS32934	Facebook, Inc.	210.173.176.172 210.173.176.171	2001:7fa:7:1:0:3:2934:2 2001:7fa:7:1:0:3:2934:1
AS33011	Box.com	210.173.177.21	
AS33438	StackPath ABC, LLC	210.173.176.210 210.173.177.36	2001:7fa:7:1:0:3:3438:1 2001:7fa:7:1:0:3:3438:2
AS36351	SoftLayer Technologies Inc.	210.173.176.133 210.173.176.160	2001:7fa:7:1:0:3:6351:1 2001:7fa:7:1:0:3:6351:2
AS36692	Cisco OpenDNS, LLC	210.173.177.76 210.173.176.226	2001:7fa:7:1:0:3:6692:2 2001:7fa:7:1:0:3:6692:1
AS37892	Cable Media WAIWAI Co., LTD.	210.173.176.3	2001:7fa:7:1:0:3:7892:1
AS37908	KIBI Cable Television Co.,Ltd.	210.173.177.53	2001:7fa:7:1:0:3:7908:1
AS37916	A.T.WORKS,Inc.	210.173.176.99	
AS38628	HIMEJI CABLE TELEVISION CORPORATION	210.173.176.8	2001:7fa:7:1:0:3:8628:1
AS38631	LINE Corporation	210.173.176.82	2001:7fa:7:1:0:3:8631:1
AS38634	DWANGO Co.,Ltd.	210.173.176.19	2001:7fa:7:1:0:3:8634:1
AS38639	HANABI by NTT Communications Corporation	210.173.176.56	2001:7fa:7:1:0:3:8639:1
AS38644	KANDANET	210.173.177.3	2001:7fa:7:1:0:3:8644:1
AS39572	DataWeb Global Group B.V.	210.173.177.46	2001:7fa:7:1:0:3:9572:1
AS40676	Psychz Networks	210.173.176.251	2001:7fa:7:1:0:4:676:1
AS40934	Fortinet Inc.	210.173.177.35 210.173.177.34	2001:7fa:7:1:0:4:934:1 2001:7fa:7:1:0:4:934:2
AS41095	IPTP LTD	210.173.176.161	2001:7fa:7:1:0:4:1095:1
AS43996	Booking.com BV	210.173.176.118	2001:7fa:7:1:0:4:3996:1
AS44356	Epsilon Telecommunications Ltd	210.173.177.128	2001:7fa:7:1:0:4:4356:1
AS45489	Sri Lanka Telecom PLC, GLocal Peering	210.173.176.71	2001:7fa:7:1:0:4:5489:1
AS45686	INTERNET MULTIFEED CO.	210.173.176.212 210.173.176.211	2001:7fa:7:1:0:4:5686:1 2001:7fa:7:1:0:4:5686:2
AS45691	DODO-Core-JP	210.173.177.158	2001:7fa:7:1:0:4:5691:1
AS45899	VNPT Corp	210.173.176.187	2001:7fa:7:1:0:4:5899:1
AS45903	CMC Telecom Infrastructure Company	210.173.176.91 210.173.176.95	2001:7fa:7:1:0:4:5903:1 2001:7fa:7:1:0:4:5903:2
AS46489	Twitch Interactive Inc	210.173.176.150 210.173.176.149	2001:7fa:7:1:0:4:6489:2 2001:7fa:7:1:0:4:6489:1
AS54113	Fastly, Inc.	210.173.176.110	2001:7fa:7:1:0:5:4113:1
AS54113	Fastly, Inc.	210.173.177.103	2001:7fa:7:1:0:5:5256:1

AS45903	CMC Telecom	210.173.176.143 210.173.176.143	2001:7fa:7:1:0:5:45903:1
AS46489	Twitch Interactive inc.	210.173.176.100 210.173.176.149	2001:7fa:7:1:0:4:6489:1
AS54113	Fastly, Inc.	210.173.176.110 210.173.176.67	2001:7fa:7:1:0:5:4113:1 2001:7fa:7:1:0:5:4113:2
AS55256	Netskope Inc	210.173.177.103 210.173.176.191 210.173.177.77	2001:7fa:7:1:0:5:5256:1 2001:7fa:7:1:0:5:5256:4 2001:7fa:7:1:0:5:5256:2
AS55391	INTERNET MULTIFEED CO.	210.173.176.246 210.173.176.253	2001:7fa:7:1:0:5:5391:2 2001:7fa:7:1:0:5:5391:1
AS55685	PT Jala Lintas Media	210.173.177.123	2001:7fa:7:1:0:5:5685:1
AS55900	GLBB Japan KK	210.173.176.143	2001:7fa:7:1:0:5:5900:1
AS57976	Blizzard Entertainment, Inc	210.173.176.98	2001:7fa:7:1:0:5:7976:1
AS58715	EARTH TELECOMMUNICATION (Pvt) LTD.	210.173.177.156	2001:7fa:7:1:0:5:8715:1
AS58793	FUJITSU CLOUD TECHNOLOGIES LIMITED	210.173.177.39 210.173.177.40	2001:7fa:7:1:0:5:8793:1 2001:7fa:7:1:0:5:8793:2
AS59102	GENES Co., Ltd.	210.173.176.231	
AS59123	Kakaku.com, Inc.	210.173.176.144	2001:7fa:7:1:0:5:9123:1
AS59125	FAMILY NET JAPAN INCORPORATED	210.173.176.10	2001:7fa:7:1:0:5:9125:1
AS59126	NCT CO.,LTD.	210.173.176.216	2001:7fa:7:1:0:5:9126:1
AS60068	Datacamp Limited	210.173.177.66 210.173.177.68	2001:7fa:7:1:0:6:68:1 2001:7fa:7:1:0:6:68:2
AS62902	Ankr PBC	210.173.176.100	2001:7fa:7:1::7521:100
AS63199	CDS Global Cloud Co., Ltd	210.173.177.78	2001:7fa:7:1:0:6:3199:1
AS63779	InfiniCloud Co. Ltd.	210.173.177.84	2001:7fa:7:1:0:6:3779:1
AS63802	Nippon Telegraph and Telephone East Corporation	210.173.177.144	2001:7fa:7:1:0:6:3802:1
AS63927	RISE	210.173.177.124	2001:7fa:7:1:0:6:3927:1
AS63997	Tsukaeru.net, Web Hosting Company, Japan	210.173.177.58	
AS64289	Macarne LLC	210.173.177.146	2001:7fa:7:1:0:6:4289:1
AS131079	INTERNET MULTIFEED CO.	210.173.177.4	2001:7fa:7:1:0:13:1079:
AS131161	NECCN	210.173.177.63	2001:7fa:7:1:0:13:1161:
AS131896	SSI Lab Inc.	210.173.176.166	
AS131912	Cybozu,Inc.	210.173.176.76	2001:7fa:7:1:0:13:1912:
AS131916	Tokyo Bay Network Co.,Ltd.	210.173.176.21	
AS131918	SHONAN CABLE NETWORK	210.173.176.194	2001:7fa:7:1:0:13:1918:
AS131920	closip Inc.	210.173.177.38	2001:7fa:7:1:0:13:1920:
AS131930	Tokyo Broadcasting System Television, Inc.	210.173.176.170	
AS131931	Aomori Cable TV Co., Ltd.	210.173.177.114	
AS131934	ICC Corporation	210.173.177.129	2001:7fa:7:1:0:13:1934:
AS131937	Joetsu Cable Vision	210.173.176.117	2001:7fa:7:1:0:13:1937:
AS131952	Asahikawa Cable Television Co., Ltd.	210.173.176.238	
AS131958	Tama Cable Network Co.,Ltd. expire12	210.173.176.4	2001:7fa:7:1:0:13:1958:
AS131976	INTERNET MULTIFEED CO.	210.173.177.27	2001:7fa:7:1:0:13:1976:
AS131982	Uenohara Broadband Communications Inc.	210.173.177.107	2001:7fa:7:1:0:13:1982:
AS132203	Tencent Building, Kejizhongyi Avenue	210.173.177.23	2001:7fa:7:1:0:13:2203:

AS131920	closip Inc.	210.173.176.117	2001:7fa:7:1:0:13:1920:
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AS131931	Aomori Cable TV Co., Ltd.	210.173.177.114	2001:7fa:7:1:0:13:1931:
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AS132829	Navigate Communications (S) Pte Ltd	210.173.177.143	2001:7fa:7:1:0:13:2829:
AS135377	APNIC ASN block	210.173.177.92	2001:7fa:7:1:0:13:5377:
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AS138915	Kaopu Cloud HK Limited	210.173.177.56	2001:7fa:7:1:0:13:8915:
AS139468	DC Communications Inc.	210.173.176.119	2001:7fa:7:1:0:13:9468:
AS139901	Apple Communication Ltd.	210.173.177.127	2001:7fa:7:1:0:13:9901:
AS140096	JINX CO., LIMITED	210.173.177.149	2001:7fa:7:1:0:14:96:1
AS140627	OneQode	210.173.177.17	2001:7fa:7:1:0:14:627:1
AS140951	IPTP LIMITED	210.173.177.44	2001:7fa:7:1:0:14:951:1
AS146974	Woven by Toyota, Inc.	210.173.177.52	2001:7fa:7:1:0:14:6974:
AS146976	Kvision Co.,Ltd.	210.173.177.51	2001:7fa:7:1:0:14:6976:
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AS149522	OneCubit Co., Ltd.	210.173.177.105	2001:7fa:7:1:0:14:9522:
AS150363	SoftEther Corporation	210.173.177.109	2001:7fa:7:1:0:15:363:1
AS151420	Rapid-Fire-y	210.173.177.119	2001:7fa:7:1:0:15:1420:
AS152858	Woven Planet Holdings, Inc.	210.173.177.163	2001:7fa:7:1:0:15:2858:
AS153371	BACK WAVES LIMITED	210.173.177.155	2001:7fa:7:1:0:15:3371:
AS197000	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)	210.173.177.125	2001:7fa:7:1:0:19:7000:
AS200070	CZ.NIC, z.s.p.o.	210.173.176.125 210.173.176.126	2001:7fa:7:1:0:2:5192:1 2001:7fa:7:1:0:2:5192:2
AS206264	Amarutu Technology Ltd	210.173.177.148	2001:7fa:7:1:0:20:6264:
AS209453	GANDI SAS	210.173.177.57	2001:7fa:7:1:0:20:9453:
AS394354	CIRA Canadian Internet Registration Authority Autorit Canadienne pour les enregistrements Internet	210.173.176.120	2001:7fa:7:1:0:39:4354:
AS396356	Latitude.sh	210.173.177.67	2001:7fa:7:1:0:39:6356:
AS396986	Bytedance Inc.	210.173.177.152 210.173.177.153	2001:7fa:7:1:0:39:6986: 2001:7fa:7:1:0:39:6986:
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Exchange Info

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Website: <https://www.jpnap.net/en/>
Statistics: <https://www.jpnap.net/ix/traffic.html>
Members: 256
Data Feed Health:
Region: Asia Pacific
Country: Japan
City: Tokyo
Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp
IPv4 Prefixes: 210.173.176.0/23
IPv6 Prefixes: 2001:7fa:7:1::/64

ASN	Name	IPv4	IPv6
AS173	Nippon Telegraph and Telephone Corporation	210.173.176.33	
AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
AS983	Akari Networks LLC	210.173.177.97	2001:7fa:7:1::983:1
AS984	OCTOPUS WEB SOLUTION INC	210.173.177.88	2001:7fa:7:1::984:1
AS1299	Arelion Sweden AB	210.173.176.54	2001:7fa:7:1::1299:1
AS2497	Internet Initiative Japan Inc.	210.173.176.219 210.173.176.190 210.173.176.141 210.173.176.142	2001:7fa:7:1::2497:5 2001:7fa:7:1::2497:3 2001:7fa:7:1::2497:2 2001:7fa:7:1::2497:4
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AS2635	Automattic, Inc	210.173.176.196	2001:7fa:7:1::2635:1
AS2687	AT&T Corp.	210.173.176.228	2001:7fa:7:1::2687:2
AS2906	Netflix Streaming Services Inc.	210.173.176.154 210.173.176.153	2001:7fa:7:1::2906:1 2001:7fa:7:1::2906:2

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Exchange Info

JP NAP Tokyo

Website: <https://www.jpnep.net/en/>
Statistics: <https://www.jpnep.net/ix/traffic.html>
Members: 256
Data Feed Health: 

Region: Asia Pacific
Country: Japan
City: Tokyo

Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp

IPv4 Prefixes: 210.173.176.0/23
IPv6 Prefixes: 2001:7fa:7:1::/64

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AS714	Apple Inc.	210.173.176.131 210.173.176.129	2001:7fa:7:1::714:2 2001:7fa:7:1::714:1
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AS3605	Guam Cablevision, LLC.	210.173.176.197	2001:7fa:7:1::3605:1
AS4637	Telstra Global	210.173.176.24	2001:7fa:7:1::4637:1
AS4651	The Communications Authority of Thailand(CAT)	210.173.176.128	2001:7fa:7:1::4651:1
AS4673	InterVid	210.173.176.117	2001:7fa:7:1::4673:1
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AS4693	ISC SK AS4693	210.173.176.39	2001:7fa:7:1::4693:1



Country:
City:

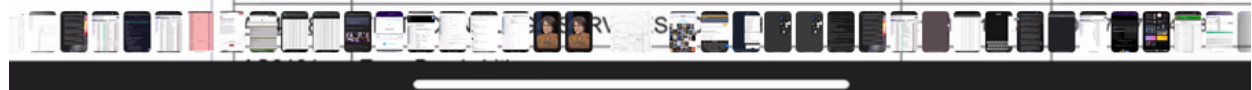
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Technical Contact: info@mfeed.ad.jp
Policy Contact: info@mfeed.co.jp
IPv4 Prefixes: 210.173.176.0/23
IPv6 Prefixes: 2001:7fa:7:1::/64

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AS945	hkgo LLC	210.173.177.161	2001:7fa:7:1::945:1
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AS2514	NTT PC Communications, Inc.	210.173.176.37 210.173.176.18	2001:7fa:7:1::2514:1 2001:7fa:7:1::2514:2
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AS4697	NTT Network Service Systems Laboratories	210.173.176.11	2001:7fa:7:1::4697:1
AS4713	NTT Communications Corporation	210.173.177.31 210.173.177.30 210.173.176.45 210.173.176.46	2001:7fa:7:1::4713:2 2001:7fa:7:1::4713:7 2001:7fa:7:1::4713:8 2001:7fa:7:1::4713:1
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AS4788	TM TECHNOLOGY SERVICES SDN. BHD.	210.173.176.72	2001:7fa:7:1::4788:1
AS6461	Zayo Bandwidth	210.173.177.14	2001:7fa:7:1::6461:1
AS6507	Riot Games, Inc	210.173.176.108	2001:7fa:7:1::6507:1
AS6774	Belgacom International Carrier Services SA	210.173.177.25	2001:7fa:7:1::6774:1
AS6939	Hurricane Electric LLC	210.173.176.106	2001:7fa:7:1::6939:1
AS7483	APNIC ASN block	210.173.177.132	2001:7fa:7:1::7483:1
AS7500	WIDE Project	210.173.176.242	2001:7fa:7:1::7500:1
AS7511	SYNAPSE Internet Service AS7511	210.173.177.91	2001:7fa:7:1::7511:1
AS7516	TOHKnet Co.,Inc.	210.173.177.55	2001:7fa:7:1::7516:1
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AS7524	iTEC Hankyu Hanshin Co.,Ltd.	210.173.176.65	2001:7fa:7:1::7524:1
AS7529	NetIRD Inc. Transit Network	210.173.176.107	2001:7fa:7:1::7529:1
AS7530	BroadBand Tower, Inc.	210.173.176.35	2001:7fa:7:1::7530:1
AS7670	Energia Communications, Inc.	210.173.176.97	2001:7fa:7:1::7670:1
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	AS2687	AT&T Corp.		210.173.176.228	2001:7fa:7:1::2687:2
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	AS3303	Swisscom (Schweiz) AG		210.173.176.156	2001:7fa:7:1::3303:1
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	AS7500	WIDE Project		210.173.176.242	2001:7fa:7:1::7500:1
	AS7511	SYNAPSE Internet Service AS7511		210.173.177.91	2001:7fa:7:1::7511:1
	AS7516	TOHKnet Co.,Inc.		210.173.177.55	2001:7fa:7:1::7516:1
	AS7522	STCN by STNet Inc.		210.173.176.73	2001:7fa:7:1::7522:1
	AS7524	iTEC Hankyu Hanshin Co.,Ltd.		210.173.176.65	2001:7fa:7:1::7524:1
	AS7529	NetIRD Inc. Transit Network		210.173.176.107	2001:7fa:7:1::7529:1
	AS7530	BroadBand Tower, Inc.		210.173.176.35	2001:7fa:7:1::7530:1
	AS7670	Energia Communications,Inc.		210.173.176.97	2001:7fa:7:1::7670:1
	AS7672	The Hokuden Information System Service Company, Inc.		210.173.176.184	2001:7fa:7:1::7672:1
	AS7679	QTnet, Inc./QTNet		210.173.176.240	2001:7fa:7:1::7679:1
	AS7682	Hokkaido Telecommunication Network Co., Inc.		210.173.176.32	2001:7fa:7:1::7682:1
	AS7690	Mirai Communication Network Inc.		210.173.176.235	2001:7fa:7:1::7690:1

AS4673	InterVIA	210.173.176.17	2001:7fa:7:1::4673:1
AS4685	Asahi Net, Inc.	210.173.176.17	2001:7fa:7:1::4685:1
AS4693	SCSK,AS4693	210.173.176.39	2001:7fa:7:1::4693:1
AS4694	IDC Frontier Inc.	210.173.176.90	2001:7fa:7:1::4694:1
AS4697	NTT Network Service Systems Laboratories	210.173.176.11	2001:7fa:7:1::4697:1
AS4713	NTT Communications Corporation	210.173.177.31 210.173.177.30 210.173.176.45 210.173.176.46	2001:7fa:7:1::4713:2 2001:7fa:7:1::4713:7 2001:7fa:7:1::4713:8 2001:7fa:7:1::4713:1
AS4775	Globe Telecoms	210.173.176.232	2001:7fa:7:1::4775:1
AS4788	TM TECHNOLOGY SERVICES SDN. BHD.	210.173.176.72	2001:7fa:7:1::4788:1
AS6461	Zayo Bandwidth	210.173.177.14	2001:7fa:7:1::6461:1
AS6507	Riot Games, Inc	210.173.176.108	2001:7fa:7:1::6507:1
AS6774	Belgacom International Carrier Services SA	210.173.177.25	2001:7fa:7:1::6774:1
AS6939	Hurricane Electric LLC	210.173.176.106	2001:7fa:7:1::6939:1
AS7483	APNIC ASN block	210.173.177.132	2001:7fa:7:1::7483:1
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AS8674	Netnod AB	210.173.176.43	2001:7fa:7:1::8674:1
AS8966	Etisalat - Emirates Telecommunications Corporation	210.173.176.186	2001:7fa:7:1::8966:1
AS9002	RETN Limited	210.173.176.139	2001:7fa:7:1::9002:1
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AS9269	Hong Kong Broadband Network Ltd.	210.173.176.148	2001:7fa:7:1::9269:1
AS9293	NTT Com Asia Limited	210.173.176.51	2001:7fa:7:1::9293:1
AS9299	Philippine Long Distance Telephone Company	210.173.176.159	2001:7fa:7:1::9299:1
AS9351	ZTV	210.173.176.48	2001:7fa:7:1::9351:1
AS9354	Community Network Center Inc.,	210.173.176.162	2001:7fa:7:1::9354:2 2001:7fa:7:1::9354:1
AS9374	LEDION NET	210.173.176.181	2001:7fa:7:1::9374:1



AS4788	TM TECHNOLOGIES PCL	210.173.177.14	2001:7fa:7:1::6461:1
AS6461	Zayo Bandwidth	210.173.177.14	2001:7fa:7:1::6461:1
AS6507	Riot Games, Inc	210.173.176.108	2001:7fa:7:1::6507:1
AS6774	Belgacom International Carrier Services SA	210.173.177.25	2001:7fa:7:1::6774:1
AS6939	Hurricane Electric LLC	210.173.176.106	2001:7fa:7:1::6939:1
AS7483	APNIC ASN block	210.173.177.132	2001:7fa:7:1::7483:1
AS7500	WIDE Project	210.173.176.242	2001:7fa:7:1::7500:1
AS7511	SYNAPSE Internet Service AS7511	210.173.177.91	2001:7fa:7:1::7511:1
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AS7522	STCN by STNet Inc.	210.173.176.73	2001:7fa:7:1::7522:1
AS7524	iTEC Hankyu Hanshin Co.,Ltd.	210.173.176.65	2001:7fa:7:1::7524:1
AS7529	NetIRD Inc. Transit Network	210.173.176.107	2001:7fa:7:1::7529:1
AS7530	BroadBand Tower, Inc.	210.173.176.35	2001:7fa:7:1::7530:1
AS7670	Energia Communications, Inc.	210.173.176.97	2001:7fa:7:1::7670:1
AS7672	The Hokuden Information System Service Company, Inc.	210.173.176.184	2001:7fa:7:1::7672:1
AS7679	QTnet, Inc./QTnet	210.173.176.240	2001:7fa:7:1::7679:1
AS7682	Hokkaido Telecommunication Network Co., Inc.	210.173.176.32	2001:7fa:7:1::7682:1
AS7687	TOYOTA SYSTEMS CORPORATION	210.173.177.70	
AS7690	Mirai Communication Network Inc.	210.173.176.235	2001:7fa:7:1::7690:1
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AS8075	Microsoft Corporation	210.173.176.16 210.173.177.11	2001:7fa:7:1::8075:1 2001:7fa:7:1::8075:2
AS8220	COLT Technology Services Group Limited	210.173.176.50	2001:7fa:7:1::8220:1
AS8674	Netnod AB	210.173.176.43	2001:7fa:7:1::8674:1
AS8966	Etisalat - Emirates Telecommunications Corporation	210.173.176.186	2001:7fa:7:1::8966:1
AS9002	RETN Limited	210.173.176.139	2001:7fa:7:1::9002:1
AS9231	China Mobile Hong Kong Company Limited	210.173.177.150	
AS9269	Hong Kong Broadband Network Ltd.	210.173.176.148	2001:7fa:7:1::9269:1
AS9293	NTT Com Asia Limited	210.173.176.51	2001:7fa:7:1::9293:1
AS9299	Philippine Long Distance Telephone Company	210.173.176.159	2001:7fa:7:1::9299:1
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AS9354	Community Network Center Inc.,	210.173.177.48 210.173.176.162	2001:7fa:7:1::9354:2 2001:7fa:7:1::9354:1
AS9370	SAKURA internet // EAST JAPAN BACKBONE	210.173.176.63	2001:7fa:7:1::9370:1
AS9374	EDION-NET	210.173.176.181	2001:7fa:7:1::9374:1
AS9409	Rapid-Fire-y	210.173.177.120	2001:7fa:7:1::9409:1
AS9595	NTT-ME Corporation	210.173.176.22 210.173.176.12	2001:7fa:7:1::9595:2 2001:7fa:7:1::9595:1
AS9597	KDDI Web Communications Inc.	210.173.177.133 210.173.177.134	2001:7fa:7:1::9597:1 2001:7fa:7:1::9597:2
		210.173.176.102 210.173.177.24	2001:7fa:7:1::9605:12 2001:7fa:7:1::9605:11
AS9605	NTT DOCOMO, INC.	210.173.176.7 210.173.176.6 210.173.177.69	2001:7fa:7:1::9605:3 2001:7fa:7:1::9605:2 2001:7fa:7:1::9605:13



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AS7524	ITEC Hankyu	210.173.176.107	2001:7fa:7:1::7524:1
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AS7530	BroadBand Tower, Inc.	210.173.176.35	2001:7fa:7:1::7530:1
AS7670	Energia Communications, Inc.	210.173.176.97	2001:7fa:7:1::7670:1
AS7672	The Hokuden Information System Service Company, Inc.	210.173.176.184	2001:7fa:7:1::7672:1
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AS7682	Hokkaido Telecommunication Network Co., Inc.	210.173.176.32	2001:7fa:7:1::7682:1
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AS7690	Mirai Communication Network Inc.	210.173.176.235	2001:7fa:7:1::7690:1
AS7713	PT Telekomunikasi Indonesia	210.173.176.175	2001:7fa:7:1::7713:1
AS8075	Microsoft Corporation	210.173.176.16 210.173.177.11	2001:7fa:7:1::8075:1 2001:7fa:7:1::8075:2
AS8220	COLT Technology Services Group Limited	210.173.176.50	2001:7fa:7:1::8220:1
AS8674	Netnod AB	210.173.176.43	2001:7fa:7:1::8674:1
AS8966	Etisalat - Emirates Telecommunications Corporation	210.173.176.186	2001:7fa:7:1::8966:1
AS9002	RETN Limited	210.173.176.139	2001:7fa:7:1::9002:1
AS9231	China Mobile Hong Kong Company Limited	210.173.177.150	
AS9269	Hong Kong Broadband Network Ltd.	210.173.176.148	2001:7fa:7:1::9269:1
AS9293	NTT Com Asia Limited	210.173.176.51	2001:7fa:7:1::9293:1
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AS9351	ZTV	210.173.176.48	2001:7fa:7:1::9351:1
AS9354	Community Network Center Inc.,	210.173.177.48 210.173.176.162	2001:7fa:7:1::9354:2 2001:7fa:7:1::9354:1
AS9370	SAKURA internet // EAST JAPAN BACKBONE	210.173.176.63	2001:7fa:7:1::9370:1
AS9374	EDION-NET	210.173.176.181	2001:7fa:7:1::9374:1
AS9409	Rapid-Fire-y	210.173.177.120	2001:7fa:7:1::9409:1
AS9595	NTT-ME Corporation	210.173.176.22 210.173.176.12	2001:7fa:7:1::9595:2 2001:7fa:7:1::9595:1
AS9597	KDDI Web Communications Inc.	210.173.177.133 210.173.177.134	2001:7fa:7:1::9597:1 2001:7fa:7:1::9597:2
AS9605	NTT DOCOMO, INC.	210.173.176.102 210.173.177.24 210.173.176.7 210.173.176.6 210.173.177.69	2001:7fa:7:1::9605:12 2001:7fa:7:1::9605:11 2001:7fa:7:1::9605:3 2001:7fa:7:1::9605:2 2001:7fa:7:1::9605:13
AS9607	BroadBand Tower, Inc.	210.173.176.34	2001:7fa:7:1::9607:1
AS9622	KCT-NET KCT CORPORATION	210.173.176.192	2001:7fa:7:1::9622:1
AS9824	JCOM Co., Ltd.	210.173.177.9 210.173.176.217	2001:7fa:7:1::9824:1 2001:7fa:7:1::9824:2
AS9886	CTCSCI TECH LIMITED	210.173.177.151	2001:7fa:7:1::9886:1
AS9924	Taiwan Fixed Network, Telco and Network Service Provider.	210.173.176.70	2001:7fa:7:1::9924:1
AS9957	KINX	210.173.176.88	2001:7fa:7:1::9957:1
AS9997	Suzuka Cable Co., Ltd	210.173.176.92	2001:7fa:7:1::9997:1

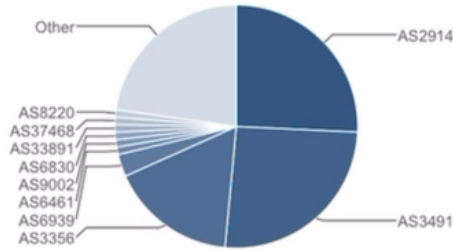
BGP Peers Observed

November 5, 2024
10:08 PM

IPs Originated (v4): 42,211
AS Paths Observed (v4): 1,839
AS Paths Observed (v6): 420

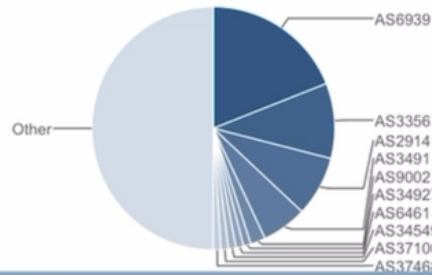
Average AS Path Length (all): 3.521
Average AS Path Length (v4): 3.682
Average AS Path Length (v6): 2.814

AS13414 IPv4 Peers



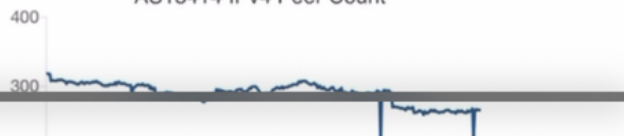
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AS2914	NTT America, Inc.
AS3491	PCCW Global, Inc.
AS3356	Level 3 Parent, LLC
AS6939	Hurricane Electric LLC
AS6461	Zayo Bandwidth
AS9002	RETN Limited
AS6830	Liberty Global B.V.
AS33891	Core-Backbone GmbH
AS37468	Angola Cables
AS8220	COLT Technology Services Group Limited

AS13414 IPv6 Peers



ASN	Name
AS6939	Hurricane Electric LLC
AS3356	Level 3 Parent, LLC
AS2914	NTT America, Inc.
AS3491	PCCW Global, Inc.
AS9002	RETN Limited
AS34927	iFog GmbH
AS6461	Zayo Bandwidth
AS34549	meerfarbig GmbH & Co. KG
AS37100	SEACOM Limited
AS37468	Angola Cables

AS13414 IPv4 Peer Count

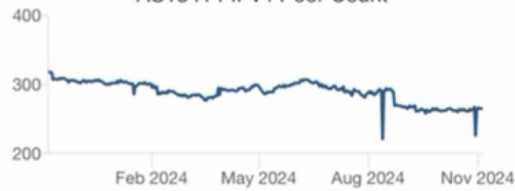


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AS9231	China Mobile Hong Kong Company Limited	210.173.177.150	
AS9269	Hong Kong Broadband Network Ltd.	210.173.176.148	2001:7fa:7:1::9269:1
AS9293	NTT Com Asia Limited	210.173.176.51	2001:7fa:7:1::9293:1
AS9299	Philippine Long Distance Telephone Company	210.173.176.159	2001:7fa:7:1::9299:1
AS9351	ZTV	210.173.176.48	2001:7fa:7:1::9351:1
AS9354	Community Network Center Inc.,	210.173.177.48 210.173.176.162	2001:7fa:7:1::9354:2 2001:7fa:7:1::9354:1
AS9370	SAKURA internet // EAST JAPAN BACKBONE	210.173.176.63	2001:7fa:7:1::9370:1
AS9374	EDION-NET	210.173.176.181	2001:7fa:7:1::9374:1
AS9409	Rapid-Fire-y	210.173.177.120	2001:7fa:7:1::9409:1
AS9595	NTT-ME Corporation	210.173.176.22 210.173.176.12	2001:7fa:7:1::9595:2 2001:7fa:7:1::9595:1
AS9597	KDDI Web Communications Inc.	210.173.177.133 210.173.177.134	2001:7fa:7:1::9597:1 2001:7fa:7:1::9597:2
AS9605	NTT DOCOMO, INC.	210.173.176.102 210.173.177.24 210.173.176.7 210.173.176.6 210.173.177.69	2001:7fa:7:1::9605:12 2001:7fa:7:1::9605:11 2001:7fa:7:1::9605:3 2001:7fa:7:1::9605:2 2001:7fa:7:1::9605:13
AS9607	BroadBand Tower, Inc.	210.173.176.34	2001:7fa:7:1::9607:1
AS9622	KCT-NET KCT CORPORATION	210.173.176.192	2001:7fa:7:1::9622:1
AS9824	JCOM Co., Ltd.	210.173.177.9 210.173.176.217	2001:7fa:7:1::9824:1 2001:7fa:7:1::9824:2
AS9886	CTCSCI TECH LIMITED	210.173.177.151	2001:7fa:7:1::9886:1
AS9924	Taiwan Fixed Network, Telco and Network Service Provider.	210.173.176.70	2001:7fa:7:1::9924:1
AS9957	KINX	210.173.176.88	2001:7fa:7:1::9957:1
AS9993	ITOCHU Techno-Solutions Corporation	210.173.176.195	2001:7fa:7:1::9993:1
AS9997	Suzuka Cable Co.,Ltd	210.173.176.92	2001:7fa:7:1::9997:1
AS9999	AT TOKYO Corporation expire24	210.173.176.247	2001:7fa:7:1::9999:1
AS10000	Nagasaki Cable Media Inc.	210.173.176.179	2001:7fa:7:1:0:1:0:1
AS10003	OCT NET	210.173.176.234	2001:7fa:7:1:0:1:3:1
AS10004	Phoenix Communications Inc.	210.173.177.79	2001:7fa:7:1:0:1:4:1
AS10006	SECOM Trust Systems CO.,LTD.	210.173.176.224	2001:7fa:7:1:0:1:6:1
AS10010	TOKAI	210.173.177.147 210.173.176.229	2001:7fa:7:1:0:1:10:2 2001:7fa:7:1:0:1:10:1
AS10011	advanscope inc.	210.173.177.74	2001:7fa:7:1:0:1:11:1
AS10013	FreeBit Co.,Ltd.	210.173.176.49 210.173.176.38	2001:7fa:7:1:0:1:13:1 2001:7fa:7:1:0:1:13:2
AS10019	Matsusaka CATV Station Co., Ltd.	210.173.176.53	2001:7fa:7:1:0:1:19:1
AS10310	Oath Holdings Inc.	210.173.176.173 210.173.176.174	2001:7fa:7:1:0:1:310:1 2001:7fa:7:1:0:1:310:2
AS12389	PJSC Rostelecom	210.173.176.137	2001:7fa:7:1:0:1:2389:1
AS13150	CATO NETWORKS LTD	210.173.177.50	
AS13335	Cloudflare, Inc.	210.173.177.136 210.173.176.127	2001:7fa:7:1:0:1:3335:2 2001:7fa:7:1:0:1:3335:1
AS13414	Twitter Inc.	210.173.176.134	2001:7fa:7:1:0:1:3414:2
AS13415	Cloudflare, Inc.	210.173.176.127	2001:7fa:7:1:0:1:3415:1

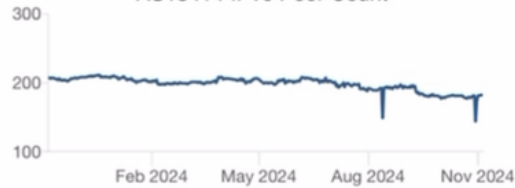
November 5, 2024 10:08 PM

AS13414	Electric LLC
AS3338	ent, LLC
AS2914	NTT America, Inc.
AS3491	PCCW Global, Inc.
AS9002	RETN Limited
AS34927	iFog GmbH
AS6461	Zayo Bandwidth
AS34549	meerfarbig GmbH & Co. KG
AS37100	SEACOM Limited
AS37468	Angola Cables

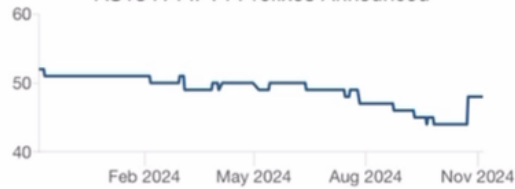
AS13414 IPv4 Peer Count



AS13414 IPv6 Peer Count



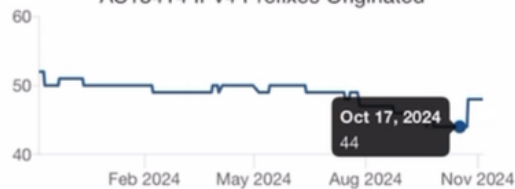
AS13414 IPv4 Prefixes Announced



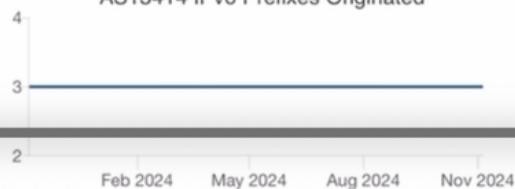
AS13414 IPv6 Prefixes Announced



AS13414 IPv4 Prefixes Originated



AS13414 IPv6 Prefixes Originated

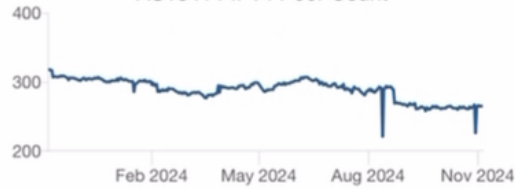


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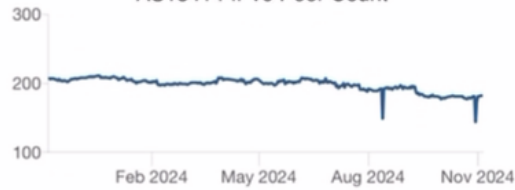
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AS9002	RETN Limited
AS34927	iFog GmbH
AS6461	Zayo Bandwidth
AS34549	meerfarbig GmbH & Co. KG
AS37100	SEACOM Limited
AS37468	Angola Cables

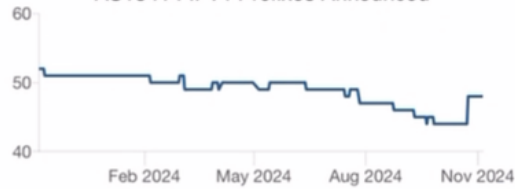
AS13414 IPv4 Peer Count



AS13414 IPv6 Peer Count



AS13414 IPv4 Prefixes Announced



AS13414 IPv6 Prefixes Announced



AS13414 IPv4 Prefixes Originated



AS13414 IPv6 Prefixes Originated





Search

AS13414 Twitter Inc.

Quick Links

GP Toolkit Home
GP Prefix Report
GP Peer Report
Super Traceroute
Super Looking Glass
Exchange Report
BGP Routes
World Report
Multi Origin Routes
DNS Report
BGP Host Report
Internet Statistics
Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
IPv6 Progress
Doing Native
Credits
Contact Us

AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6
Whois RDAP IRR IX Traceroute

Company Website: <http://twitter.com>

Country of Origin: [United States](#)

Internet Exchanges: 29

Prefixes Originated (all): 51
Prefixes Originated (v4): 48
Prefixes Originated (v6): 3

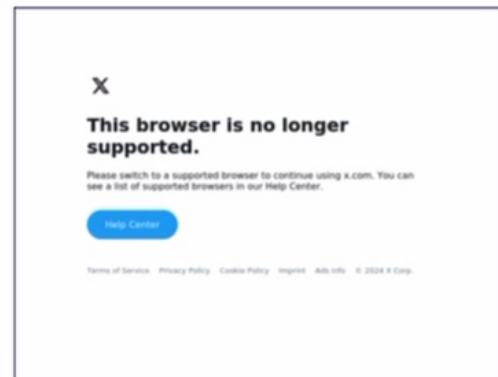
Prefixes Announced (all): 51
Prefixes Announced (v4): 48
Prefixes Announced (v6): 3

RPKI Originated Valid (all): 25
RPKI Originated Valid (v4): 25
RPKI Originated Valid (v6): 0

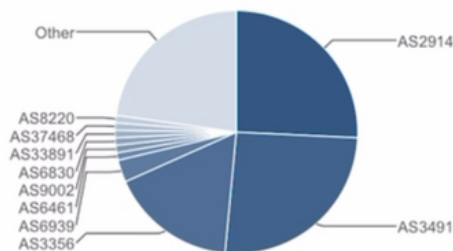
BGP Peers Observed (all): 277
BGP Peers Observed (v4): 265
BGP Peers Observed (v6): 182

IPs Originated (v4): 42,240
AS Paths Observed (v4): 1,839
AS Paths Observed (v6): 420

Average AS Path Length (all): 3.521
Average AS Path Length (v4): 3.682
Average AS Path Length (v6): 2.814

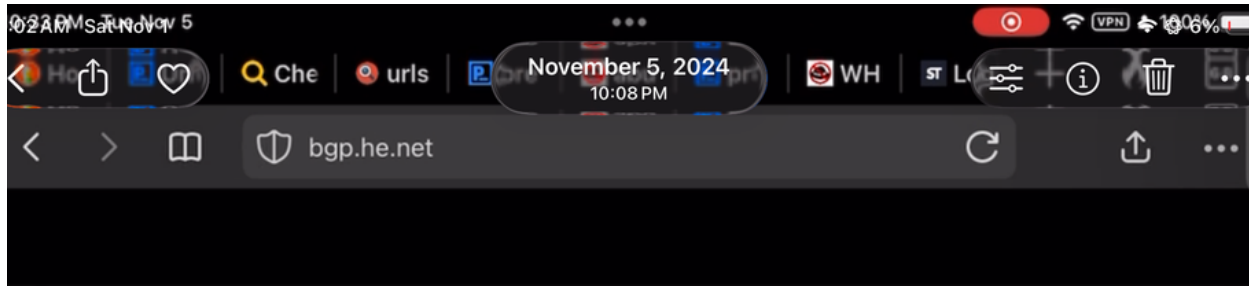


AS13414 IPv4 Peers



ASN	Name
AS2914	NTT America, Inc.
AS3491	PCCW Global, Inc.
AS3356	Level 3 Parent, LLC

November 5, 2024 10:08 PM		210.173.177.20	
AS9607	BroadBand Telecom, Inc.	210.173.177.20	
AS9622	KCT-NET KCT CORPORATION	210.173.176.192	2001:7fa:7:1::9622:1
AS9824	JCOM Co., Ltd.	210.173.177.9 210.173.176.217	2001:7fa:7:1::9824:1 2001:7fa:7:1::9824:2
AS9886	CTCSCI TECH LIMITED	210.173.177.151	2001:7fa:7:1::9886:1
AS9924	Taiwan Fixed Network, Telco and Network Service Provider.	210.173.176.70	2001:7fa:7:1::9924:1
AS9957	KINX	210.173.176.88	2001:7fa:7:1::9957:1
AS9993	ITOCHU Techno-Solutions Corporation	210.173.176.195	2001:7fa:7:1::9993:1
AS9997	Suzuka Cable Co., Ltd	210.173.176.92	2001:7fa:7:1::9997:1
AS9999	AT TOKYO Corporation expire24	210.173.176.247	2001:7fa:7:1::9999:1
AS10000	Nagasaki Cable Media Inc.	210.173.176.179	2001:7fa:7:1:0:1:0:1
AS10003	OCT NET	210.173.176.234	2001:7fa:7:1:0:1:3:1
AS10004	Phoenix Communications Inc.	210.173.177.79	2001:7fa:7:1:0:1:4:1
AS10006	SECOM Trust Systems CO.,LTD.	210.173.176.224	2001:7fa:7:1:0:1:6:1
AS10010	TOKAI	210.173.177.147 210.173.176.229	2001:7fa:7:1:0:1:10:2 2001:7fa:7:1:0:1:10:1
AS10011	advanscope inc.	210.173.177.74	2001:7fa:7:1:0:1:11:1
AS10013	FreeBit Co,Ltd.	210.173.176.49 210.173.176.38	2001:7fa:7:1:0:1:13:1 2001:7fa:7:1:0:1:13:2
AS10019	Matsusaka CATV Station Co., Ltd.	210.173.176.53	2001:7fa:7:1:0:1:19:1
AS10310	Oath Holdings Inc.	210.173.176.173 210.173.176.174	2001:7fa:7:1:0:1:310:1 2001:7fa:7:1:0:1:310:2
AS12389	PJSC Rostelecom	210.173.176.137	2001:7fa:7:1:0:1:2389:1
AS13150	CATO NETWORKS LTD	210.173.177.50	
AS13335	Cloudflare, Inc.	210.173.177.136 210.173.176.127	2001:7fa:7:1:0:1:3335:2 2001:7fa:7:1:0:1:3335:1
AS13414	Twitter Inc.	210.173.176.134 210.173.176.152	2001:7fa:7:1:0:1:3414:2 2001:7fa:7:1:0:1:3414:1
AS13445	Cisco Webex LLC	210.173.176.233	2001:7fa:7:1:0:1:3445:1
AS14537	Continent 8 LLC	210.173.176.93	2001:7fa:7:1:0:1:4537:1
AS15133	Edgecast Inc.	210.173.176.75 210.173.176.74	2001:7fa:7:1:0:1:5133:2 2001:7fa:7:1:0:1:5133:1
AS15169	Google LLC	210.173.176.243 210.173.176.245	2001:7fa:7:1:0:1:5169:2 2001:7fa:7:1:0:1:5169:1
AS15412	FLAG TELECOM UK LIMITED	210.173.176.96	2001:7fa:7:1:0:1:5412:1
AS15830	Equinix (EMEA) Acquisition Enterprises B.V.	210.173.177.104	2001:7fa:7:1:0:1:5830:1
AS16509	Amazon.com, Inc.	210.173.177.18 210.173.176.198 210.173.177.19 210.173.176.188	2001:7fa:7:1:0:1:6509:2 2001:7fa:7:1:0:1:6509:3 2001:7fa:7:1:0:1:6509:4 2001:7fa:7:1:0:1:6509:1
AS16552	Tiggee LLC	210.173.176.227	2001:7fa:7:1:0:1:6552:1
AS17511	OPTAGE Inc.	210.173.176.136 210.173.176.236	2001:7fa:7:1:0:1:7511:2 2001:7fa:7:1:0:1:7511:1
AS17639	Converge ICT Solutions Inc.	210.173.176.138	2001:7fa:7:1:0:1:7639:1
AS17676	SoftBank Corp.	210.173.176.83 210.173.176.87	2001:7fa:7:1:0:1:7676:1 2001:7fa:7:1:0:1:7676:2
AS17682	CABLENET 296	210.173.177.42	2001:7fa:7:1:0:1:7682:1
AS17683	Wingtechnology Communications, Inc.	210.173.176.130	2001:7fa:7:1:0:1:7683:1



AS13414 Twitter Inc.

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- Peers v6
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- IRR
- IX
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Company Website: <http://twitter.com>

Country of Origin: [United States](#)



Internet Exchanges: 29

Prefixes Originated (all): 51
Prefixes Originated (v4): 48
Prefixes Originated (v6): 3

Prefixes Announced (all): 51
Prefixes Announced (v4): 48
Prefixes Announced (v6): 3

RPKI Originated Valid (all): 25
RPKI Originated Valid (v4): 25
RPKI Originated Valid (v6): 0

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Average AS Path Length (v4): 3.682
Average AS Path Length (v6): 2.814

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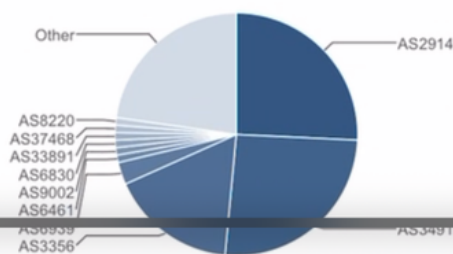
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AS13414 IPv4 Peers



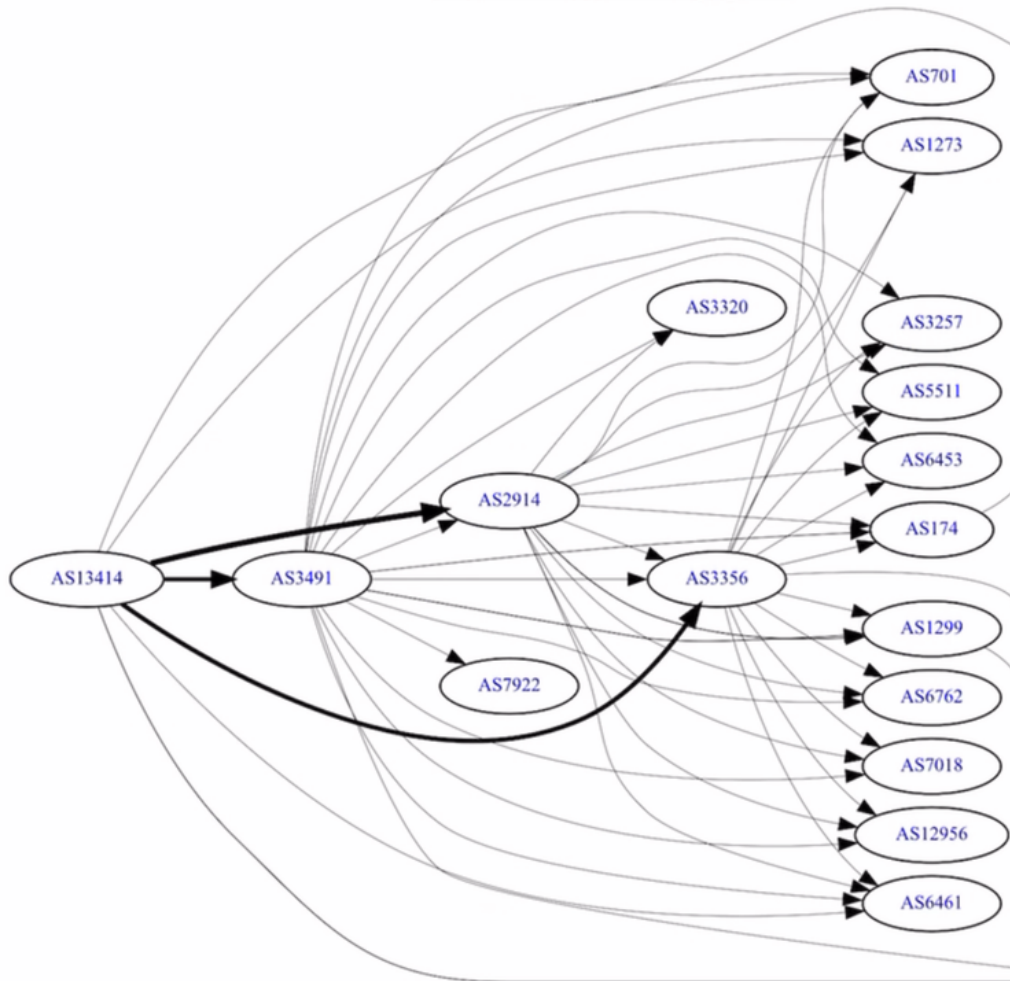


AS13414 Twitter Inc.

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AS13414 IPv4 Route Propagation





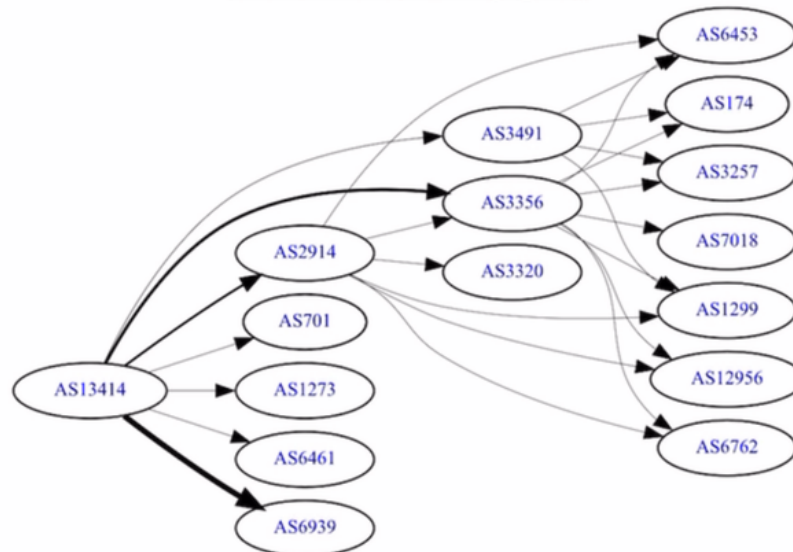
AS13414 Twitter Inc.

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188.64.224.0/21

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- RDAP
- DNS
- IRR
- Propagation
- Visibility
- Routes

Announced By		
Origin AS	Announcement	Description
AS13414	188.64.224.0/21	TWITTER INTERNATIONAL UNLIMITED COMPANY



188.64.224.0/21

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DNS

IRR

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Announced By

Origin AS	Announcement		Description
AS13414	188.64.224.0/21	✓	TWITTER INTERNATIONAL UNLIMITED COMPANY



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Prefix		Description		Visibility
64.63.0.0/18	✓	Twitter Inc.		100% 643/645
64.63.30.0/24	✓			100% 643/645
64.63.31.0/24	✓			100% 643/645
64.63.46.0/24	✓			100% 643/645
64.63.47.0/24	✓			100% 643/645
69.195.160.0/19	✓	Twitter Inc.		100% 643/645
69.195.160.0/24	✓	Twitter Inc.		100% 643/645
69.195.162.0/24	✓	Twitter Inc.		100% 643/645
69.195.166.0/24	✓	Twitter Inc.		100% 643/645
69.195.168.0/24	✓	Twitter Inc.		100% 643/645
69.195.169.0/24	✓	Twitter Inc.		100% 643/645
69.195.171.0/24	✓	Twitter Inc.		100% 643/645
69.195.174.0/24	✓	Twitter Inc.		100% 643/645
69.195.178.0/24	✓	Twitter Inc.		100% 643/645
69.195.179.0/24	✓	Twitter Inc.		100% 643/645
69.195.181.0/24	✓	Twitter Inc.		100% 643/645
69.195.182.0/24	✓	Twitter Inc.		100% 643/645
69.195.183.0/24	✓	Twitter Inc.		100% 643/645
69.195.184.0/24	✓	Twitter Inc.		100% 643/645
69.195.186.0/24	✓	Twitter Inc.		100% 643/645
69.195.187.0/24	✓	Twitter Inc.		100% 643/645
103.252.112.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
103.252.114.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
104.244.40.0/24	✓	Twitter Inc.		100% 643/645
104.244.41.0/24	✓	Twitter Inc.		100% 643/645
104.244.42.0/24	✓	Twitter Inc.		100% 643/645
104.244.44.0/24	✓	Twitter Inc.		100% 643/645

69.195.179.0/24		Twitter Inc.		100% 643/645
69.195.181.0/24		Twitter Inc.		100% 643/645
69.195.182.0/24		Twitter Inc.		100% 643/645
69.195.183.0/24		Twitter Inc.		100% 643/645
69.195.184.0/24		Twitter Inc.		100% 643/645
69.195.186.0/24		Twitter Inc.		100% 643/645
69.195.187.0/24		Twitter Inc.		100% 643/645
103.252.112.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
103.252.114.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
104.244.40.0/24		Twitter Inc.		100% 643/645
104.244.41.0/24		Twitter Inc.		100% 643/645
104.244.42.0/24		Twitter Inc.		100% 643/645
104.244.44.0/24		Twitter Inc.		100% 643/645
104.244.45.0/24		Twitter Inc.		100% 643/645
104.244.46.0/24		Twitter Inc.		100% 643/645
104.244.47.0/24		Twitter Inc.		100% 643/645
188.64.224.0/21		TWITTER INTERNATIONAL UNLIMITED COMPANY		100% 643/645
192.133.76.0/22		Twitter Inc.		100% 643/645
199.16.156.0/22		Twitter Inc.		100% 643/645
199.16.156.0/23		Twitter, Inc. (C08979763)		100% 643/645
199.59.148.0/22		Twitter Inc.		100% 643/645
199.96.56.0/23		Twitter Inc.		100% 643/645
202.160.128.0/24		Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.129.0/24		Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.130.0/24		Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.131.0/24		Twitter Asia Pacific Pte. Ltd.		100% 643/645
209.237.192.0/19		Twitter Inc.		100% 643/645
209.237.192.0/24		Twitter Inc.		100% 643/645
209.237.193.0/24		Twitter Inc.		100% 643/645
209.237.194.0/24		Twitter Inc.		100% 643/645
209.237.195.0/24		Twitter Inc.		81% 523/645
209.237.196.0/24		Twitter Inc.		100% 643/645
209.237.198.0/24		Twitter Inc.		100% 643/645
209.237.199.0/24		Twitter Inc.		100% 643/645

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AS13414 Twitter Inc.

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- Peers v6
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- IRR
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- Traceroute

Company Website: <http://twitter.com>

Country of Origin: [United States](#)



Internet Exchanges: 29

Prefixes Originated (all): 51
Prefixes Originated (v4): 48
Prefixes Originated (v6): 3

Prefixes Announced (all): 51
Prefixes Announced (v4): 48
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RPKI Originated Valid (all): 25
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RPKI Originated Valid (v6): 0

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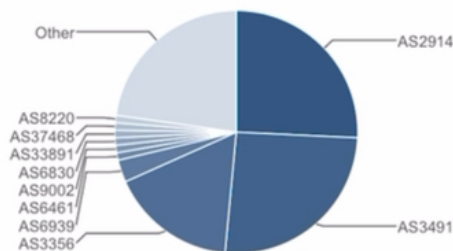
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AS13414 IPv4 Peers



ASN	Name
AS2914	NTT America, Inc.
AS3491	PCCW Global, Inc.
AS3356	Level 3 Parent, LLC



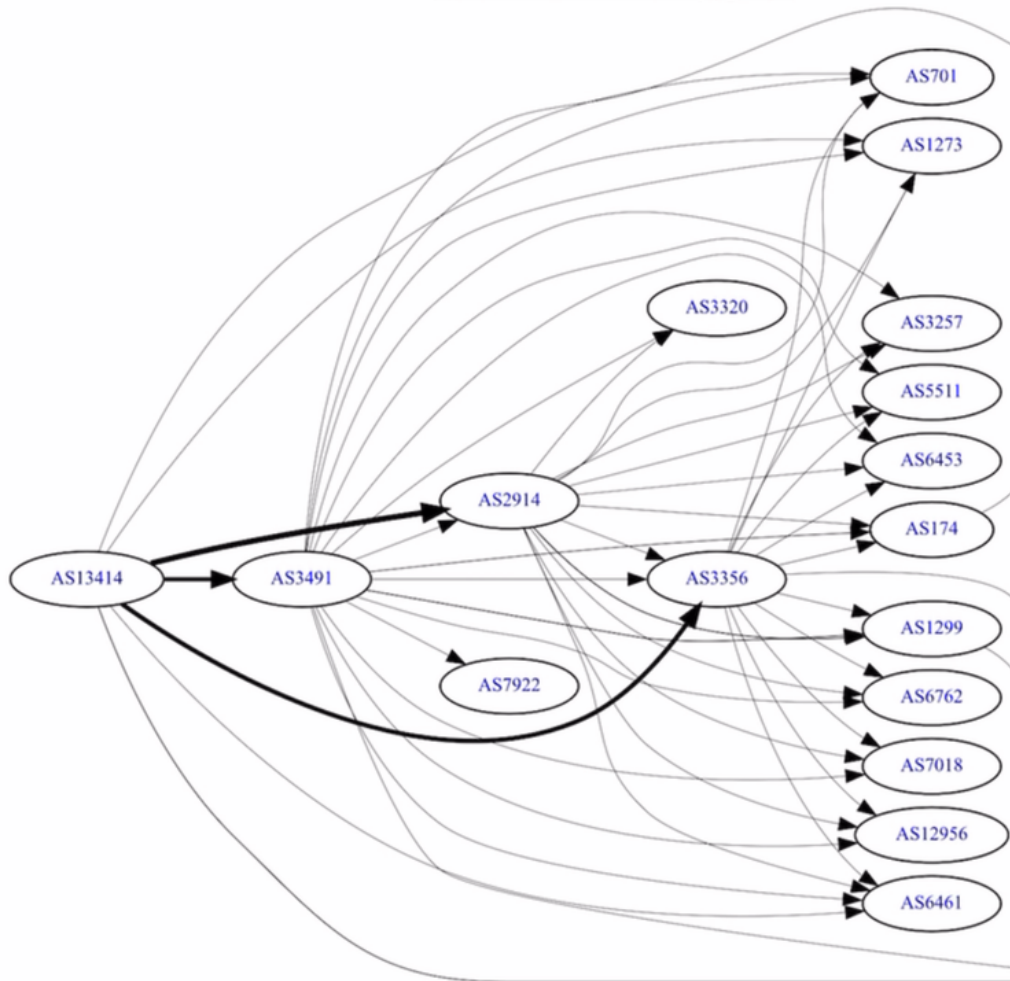
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Prefix	Description	Visibility
64.63.0.0/18		100% 643/645
64.63.30.0/24		100% 643/645
64.63.31.0/24		100% 643/645
64.63.46.0/24		100% 643/645
64.63.47.0/24		100% 643/645
69.195.160.0/19		100% 643/645
69.195.160.0/24		100% 643/645
69.195.162.0/24		100% 643/645
69.195.166.0/24		100% 643/645
69.195.168.0/24		100% 643/645
69.195.169.0/24		100% 643/645
69.195.171.0/24		100% 643/645
69.195.174.0/24		100% 643/645
69.195.178.0/24		100% 643/645
69.195.179.0/24		100% 643/645
69.195.181.0/24		100% 643/645
69.195.182.0/24		100% 643/645
69.195.183.0/24		100% 643/645
69.195.184.0/24		100% 643/645
69.195.186.0/24		100% 643/645
69.195.187.0/24		100% 643/645
103.252.112.0/23		100% 643/645
103.252.114.0/23		100% 643/645
104.244.40.0/24		100% 643/645
104.244.41.0/24		100% 643/645
104.244.42.0/24		100% 643/645
104.244.44.0/24		100% 643/645
104.244.45.0/24		100% 643/645



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Prefix		Description	Visibility
64.63.0.0/18		Twitter Inc.	100% 643/645
64.63.30.0/24			100% 643/645
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64.63.47.0/24			100% 643/645
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69.195.168.0/24		Twitter Inc.	100% 643/645
69.195.169.0/24		Twitter Inc.	100% 643/645
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69.195.174.0/24		Twitter Inc.	100% 643/645
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69.195.184.0/24		Twitter Inc.	100% 643/645
69.195.186.0/24		Twitter Inc.	100% 643/645
69.195.187.0/24		Twitter Inc.	100% 643/645
103.252.112.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	100% 643/645
103.252.114.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	100% 643/645
104.244.40.0/24		Twitter Inc.	100% 643/645
104.244.41.0/24		Twitter Inc.	100% 643/645
104.244.42.0/24		Twitter Inc.	100% 643/645
104.244.44.0/24		Twitter Inc.	100% 643/645



AS13414 Twitter Inc.

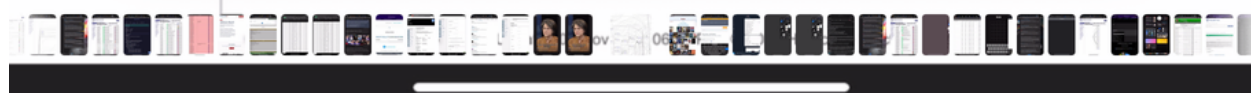
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- IX
- Traceroute

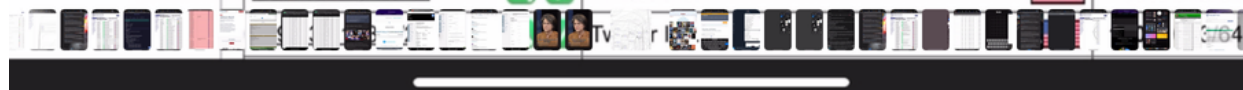
Prefix		Description	Visibility
2400:6680:f000::/36	✓	Twitter Asia Pacific Pte. Ltd.	97% 601/621
2606:1f80:f000::/36	✓	Twitter Inc.	97% 601/621
2a04:9d40:f000::/36	✓	TWITTER INTERNATIONAL UNLIMITED COMPANY	97% 601/621

Showing 1-3 of 3



Top Host Report
Internet Statistics
Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
IPv6 Progress
Doing Native
Credits
Contact Us

64.63.47.0/24		November 5, 2024		
69.195.160.0/19		10:08 PM		
69.195.160.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.162.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.166.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.168.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.169.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.171.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.174.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.178.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.179.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.181.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.182.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.183.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.184.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.186.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.187.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
103.252.112.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	🇸🇬	100% 643/645
103.252.114.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	🇸🇬	100% 643/645
104.244.40.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.41.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.42.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.44.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.45.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.46.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.47.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
188.64.224.0/21	✓	TWITTER INTERNATIONAL UNLIMITED COMPANY	🇮🇪	100% 643/645
192.133.76.0/22	✓	Twitter Inc.	🇺🇸	100% 643/645
199.16.156.0/22	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
199.16.156.0/23	🔍 ✓	Twitter, Inc. (C08979763)	🇺🇸	100% 643/645
199.59.148.0/22	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
199.96.56.0/23	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
202.160.128.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.129.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.130.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.131.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
209.237.102.0/19	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.192.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645



November 5, 2024

10:08 PM

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69.195.171.0/24				
69.195.174.0/24	✓	Twitter Inc.		100% 643/645
69.195.178.0/24	✓	Twitter Inc.		100% 643/645
69.195.179.0/24	✓	Twitter Inc.		100% 643/645
69.195.181.0/24	✓	Twitter Inc.		100% 643/645
69.195.182.0/24	✓	Twitter Inc.		100% 643/645
69.195.183.0/24	🔍 ✓	Twitter Inc.		100% 643/645
69.195.184.0/24	✓	Twitter Inc.		100% 643/645
69.195.186.0/24	✓	Twitter Inc.		100% 643/645
69.195.187.0/24	✓	Twitter Inc.		100% 643/645
103.252.112.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
103.252.114.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
104.244.40.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.41.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.42.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.44.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.45.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.46.0/24	🔍 ✓	Twitter Inc.		100% 643/645
104.244.47.0/24	🔍 ✓	Twitter Inc.		100% 643/645
188.64.224.0/21	✓	TWITTER INTERNATIONAL UNLIMITED COMPANY		100% 643/645
192.133.76.0/22	✓	Twitter Inc.		100% 643/645
199.16.156.0/22	🔍 ✓	Twitter Inc.		100% 643/645
199.16.156.0/23	🔍 ✓	Twitter, Inc. (C08979763)		100% 643/645
199.59.148.0/22	🔍 ✓	Twitter Inc.		100% 643/645
199.96.56.0/23	🔍 ✓	Twitter Inc.		100% 643/645
202.160.128.0/24	✓	Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.129.0/24	✓	Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.130.0/24	✓	Twitter Asia Pacific Pte. Ltd.		100% 643/645
202.160.131.0/24	✓	Twitter Asia Pacific Pte. Ltd.		100% 643/645
209.237.192.0/19	🔍 ✓	Twitter Inc.		100% 643/645
209.237.192.0/24	🔍 ✓	Twitter Inc.		100% 643/645
209.237.193.0/24	🔍 ✓	Twitter Inc.		100% 643/645
209.237.194.0/24	🔍 ✓	Twitter Inc.		100% 643/645
209.237.195.0/24	🔍 ✓	Twitter Inc.		81% 523/645
209.237.196.0/24	🔍 ✓	Twitter Inc.		100% 643/645
209.237.198.0/24	🔍 ✓	Twitter Inc.		100% 643/645
209.237.199.0/24	🔍 ✓	Twitter Inc.		100% 643/645

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69.195.171.0/24		November 5, 2024 10:08 PM		100% 643/645
69.195.174.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.178.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.179.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.181.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.182.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.183.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.184.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.186.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
69.195.187.0/24	✓	Twitter Inc.	🇺🇸	100% 643/645
103.252.112.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	🇸🇬	100% 643/645
103.252.114.0/23	✓	60 Robinson Road, # 11-02 BEA Building, Singapore 068892.	🇸🇬	100% 643/645
104.244.40.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.41.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.42.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.44.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.45.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.46.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
104.244.47.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
188.64.224.0/21	✓	TWITTER INTERNATIONAL UNLIMITED COMPANY	🇮🇹	100% 643/645
192.133.76.0/22	✓	Twitter Inc.	🇺🇸	100% 643/645
199.16.156.0/22	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
199.16.156.0/23	🔍 ✓	Twitter, Inc. (C08979763)	🇺🇸	100% 643/645
199.59.148.0/22	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
199.96.56.0/23	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
202.160.128.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.129.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.130.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
202.160.131.0/24	✓	Twitter Asia Pacific Pte. Ltd.	🇸🇬	100% 643/645
209.237.192.0/19	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.192.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.193.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.194.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.195.0/24	🔍 ✓	Twitter Inc.	🇺🇸	81% 523/645
209.237.196.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.198.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645
209.237.199.0/24	🔍 ✓	Twitter Inc.	🇺🇸	100% 643/645



AS13414 Twitter Inc.

Quick Links

- GP Toolkit Home
- GP Prefix Report
- GP Peer Report
- Super Traceroute
- Super Looking Glass
- Exchange Report
- BGP Routes
- World Report
- Multi Origin Routes
- NS Report
- ISP Host Report
- Internet Statistics
- Looking Glass
- Network Tools App
- Free IPv6 Tunnel
- IPv6 Certification
- IPv6 Progress
- Doing Native
- Credits
- Contact Us

- AS Info
- Graph v4
- Graph v6
- Prefixes v4
- Prefixes v6
- Peers v4
- Peers v6
- Whois
- RDAP
- IRR
- IX
- Traceroute

Prefix		Description		Visibility
64.63.0.0/18		Twitter Inc.		100% 643/645
64.63.30.0/24				100% 643/645
64.63.31.0/24				100% 643/645
64.63.46.0/24				100% 643/645
64.63.47.0/24				100% 643/645
69.195.160.0/19		Twitter Inc.		100% 643/645
69.195.160.0/24		Twitter Inc.		100% 643/645
69.195.162.0/24		Twitter Inc.		100% 643/645
69.195.166.0/24		Twitter Inc.		100% 643/645
69.195.168.0/24		Twitter Inc.		100% 643/645
69.195.169.0/24		Twitter Inc.		100% 643/645
69.195.171.0/24		Twitter Inc.		100% 643/645
69.195.174.0/24		Twitter Inc.		100% 643/645
69.195.178.0/24		Twitter Inc.		100% 643/645
69.195.179.0/24		Twitter Inc.		100% 643/645
69.195.181.0/24		Twitter Inc.		100% 643/645
69.195.182.0/24		Twitter Inc.		100% 643/645
69.195.183.0/24		Twitter Inc.		100% 643/645
69.195.184.0/24		Twitter Inc.		100% 643/645
69.195.186.0/24		Twitter Inc.		100% 643/645
69.195.187.0/24		Twitter Inc.		100% 643/645
103.252.112.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
103.252.114.0/23		60 Robinson Road, # 11-02 BEA Building, Singapore 068892.		100% 643/645
104.244.40.0/24		Twitter Inc.		100% 643/645
104.244.41.0/24		Twitter Inc.		100% 643/645
104.244.42.0/24		Twitter Inc.		100% 643/645
104.244.44.0/24		Twitter Inc.		100% 643/645

Quick Links

AS Info	Graph v4	Graph v6	Prefixes v4	Prefixes v6	Peers v4	Peers v6
Whois	RDAP	IRR	IX	Traceroute		



29	EDGEUNO S.A.		X	AS20485
30	Iway AG			AS1183
31	Joint Stock Company TransTeleCom		X	AS20485
32	FLAG TELECOM UK LIMITED			AS15412
33	Seabras 1 USA, LLC		X	AS13786
34	Blix Solutions AS		X	AS50304
35	iFog GmbH		X	AS34927
36	xTom GmbH		X	AS3214
37	Administracion Nacional de Telecomunicaciones		X	AS6057
38	Dimension Data			AS3741
39	PJSC Vimpelcom			AS3216
40	Fiber Telecom S.p.A.		X	AS41327
41	BHARTI Airtel Ltd.		X	AS9498
42	EDGOO NETWORKS UNIPESOA LDA		X	AS6424
43	Telecom IT Solutions SRL		X	AS47734
44	IX Reach Ltd		X	AS4455
45	Macarne LLC		X	AS64289
46	RCN			AS6079
47	DIGI ROMANIA S.A.			AS8708
48	Windstream Communications LLC			AS7029
49	APNIC ASN block		X	AS63956
50	IELO-LIAZO SERVICES SAS		X	AS29075
51	Telkom SA Ltd.			AS5713
52	ALOO TELECOM - FSF TECNOLOGIA SA			AS61568
53	NHM - S.R.L.		X	AS62275
54	weber.digital GmbH		X	AS35710
55	31173 Services AB		X	AS39351
56	Etisalat - Emirates Telecommunications Corporation			AS8966
57	euNetworks GmbH			AS13237
58	Equinix			AS24115
59	CJSC RASCOM		X	AS20764
60	Inter.link GmbH		X	AS5405
61	Zain Omantel International FZ-LLC		X	AS59605
62	PJSC MegaFon			AS31133
63	CLARO S.A.			AS4230
64	M247 Europe SRL		X	AS9009
65	INTERKVM HOST SRL		X	AS6204
66	Tele2 Sverige AB		X	AS1257
67	Netwerkvereniging Colocade		X	AS8283
68	TelHi Corporation		X	AS150369

GP Peer Report
uper Traceroute
uper Looking Glass
xchange Report
ogon Routes
orld Report
ulti Origin Routes
NS Report
p Host Report
ternet Statistics
oking Glass
etwork Tools App
ee IPv6 Tunnel
v6 Certification
v6 Progress
oing Native
redits
ontact Us

Whois

RDAP

IRR

Rank	Description	IPV6	Peer
1	NTT America, Inc.	X	AS2914
2	PCCW Global, Inc.	X	AS3491
3	Level 3 Parent, LLC	X	AS3356
4	Hurricane Electric LLC	X	AS6939
5	Zayo Bandwidth	X	AS6461
6	RETN Limited	X	AS9002
7	Liberty Global B.V.	X	AS6830
8	Core-Backbone GmbH	X	AS33891
9	Angola Cables	X	AS37468
10	COLT Technology Services Group Limited	X	AS8220
11	Telstra Global	X	AS4637
12	meerfarbig GmbH & Co. KG	X	AS34549
13	Vodafone Group PLC	X	AS1273
14	GSL Networks Pty LTD	X	AS137409
15	We Dare B.V.		AS20495
16	SEACOM Limited	X	AS37100
17	F5 Networks SARL	X	AS35280
18	Init7 (Switzerland) Ltd.		AS13030
19	Vocus Connect International Backbone	X	AS4826
20	IP-Max SA	X	AS25091
21	Verizon Business	X	AS701
22	ALGAR TELECOM S/A	X	AS16735
23	Workonline Communications(Pty) Ltd	X	AS37271
24	GlobeNet Cabos Submarinos Colombia, S.A.S.	X	AS52320
25	SAMM TECNOLOGIA E TELECOMUNICACOES S.A	X	AS262589
26	Hivane Association	X	AS34019
27	Swisscom (Schweiz) AG		AS3303
28	Zayo Infrastructure France SA	X	AS8218
29	EDGEUNO S.A.S	X	AS7195
30	Iway AG	X	AS8758
31	Joint Stock Company TransTeleCom	X	AS20485
32	FLAG TELECOM UK LIMITED		AS15412
33	Seabras 1 USA, LLC	X	AS13786
34	Blix Solutions AS	X	AS50304
35	iFog GmbH	X	AS34927
36	xTom GmbH	X	AS3214
37	Administracion Nacional de Telecomunicaciones	X	AS6057

11	telstra Global			
12	meerfarbig Gm			
13	Vodafone Group PLC		X	AS1273
14	GSL Networks Pty LTD		X	AS137409
15	We Dare B.V.			AS20495
16	SEACOM Limited		X	AS37100
17	F5 Networks SARL		X	AS35280
18	Init7 (Switzerland) Ltd.			AS13030
19	Vocus Connect International Backbone		X	AS4826
20	IP-Max SA		X	AS25091
21	Verizon Business		X	AS701
22	ALGAR TELECOM S/A		X	AS16735
23	Workonline Communications(Pty) Ltd		X	AS37271
24	GlobeNet Cabos Submarinos Colombia, S.A.S.		X	AS52320
25	SAMM TECNOLOGIA E TELECOMUNICACOES S.A		X	AS262589
26	Hivane Association		X	AS34019
27	Swisscom (Schweiz) AG			AS3303
28	Zayo Infrastructure France SA		X	AS8218
29	EDGEUNO S.A.S		X	AS7195
30	Iway AG		X	AS8758
31	Joint Stock Company TransTeleCom		X	AS20485
32	FLAG TELECOM UK LIMITED			AS15412
33	Seabras 1 USA, LLC		X	AS13786
34	Blix Solutions AS		X	AS50304
35	iFog GmbH		X	AS34927
36	xTom GmbH		X	AS3214
37	Administracion Nacional de Telecomunicaciones		X	AS6057
38	Dimension Data			AS3741
39	PJSC Vimpelcom			AS3216
40	Fiber Telecom S.p.A.		X	AS41327
41	BHARTI Airtel Ltd.		X	AS9498
42	EDGOO NETWORKS UNIPessoal LDA		X	AS6424
43	Telecom IT Solutions SRL		X	AS47734
44	IX Reach Ltd		X	AS4455
45	Macarne LLC		X	AS64289
46	RCN			AS6079
47	DIGI ROMANIA S.A.			AS8708
48	Windstream Communications LLC			AS7029
49	APNIC ASN block		X	AS63956
50	IELO-LIAZO SERVICES SAS		X	AS29075

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49	APNIC ASN block			AS3355
50	IELO-LIAZO SERVICES S.A.			AS3355
51	Telkom SA Ltd.			AS5713
52	ALOO TELECOM - FSF TECNOLOGIA SA			AS61568
53	NHM - S.R.L.		X	AS62275
54	weber.digital GmbH		X	AS35710
55	31173 Services AB		X	AS39351
56	Etisalat - Emirates Telecommunications Corporation			AS8966
57	euNetworks GmbH			AS13237
58	Equinix			AS24115
59	CJSC RASCOM		X	AS20764
60	Inter.link GmbH		X	AS5405
61	Zain Omantel International FZ-LLC		X	AS59605
62	PJSC MegaFon			AS31133
63	CLARO S.A.			AS4230
64	M247 Europe SRL		X	AS9009
65	INTERKVM HOST SRL		X	AS6204
66	Tele2 Sverige AB		X	AS1257
67	Netwerkvereniging Coloclue		X	AS8283
68	TelHi Corporation		X	AS150369
69	IT.Gate S.p.A.		X	AS12779
70	GLOBALCONNECT AS		X	AS8896
71	Australian Academic and Research Network (AARNet)			AS7575
72	Openfactory GmbH			AS58299
73	BIGLOBE Inc.		X	AS2518
74	Data-Beam Business Solution		X	AS150000
75	GEANT Vereniging		X	AS21320
76	Stadtwerke Feldkirch		X	AS48362
77	Internet Initiative Japan Inc.		X	AS2497
78	APNIC ASN block			AS55850
79	UFINET PANAMA S.A.		X	AS52468
80	WIIT AG		X	AS24961
81	GlobalConnect AB		X	AS12552
82	Gulf Bridge International Inc.			AS200612
83	Viewqwest Pte Ltd		X	AS18106
84	BIT BV		X	AS12859
85	WiscNet			AS2381
86	SG.GS		X	AS24482
87	Source Telecoms Inc.			AS18187
88	Public Internet Ltd			AS28792

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81	GlobalConnect AB			AS21061
82	Gulf Bridge International Inc.			AS200612
83	Viewqwest Pte Ltd		X	AS18106
84	BIT BV		X	AS12859
85	WiscNet			AS2381
86	SG.GS		X	AS24482
87	Source Telecoms Inc.			AS18187
88	Public Internet Ltd			AS28792
89	Continent 8 LLC			AS14537
90	Verein zur Foerderung eines Deutschen Forschungsnetzes e.V.		X	AS680
91	G-Core Labs S.A.		X	AS199524
92	Misaka Network, Inc.			AS57695
93	CETIN Ltd. Belgrade			AS15958
94	Belcloud LTD		X	AS44901
95	UAB Cgates			AS21412
96	LEVEL EIGHTY-SIX COMMUNICATIONS LTD		X	AS212483
97	AlpineDC SA		X	AS198385
98	Broadband Hosting B.V.		X	AS20562
99	Inferno Communications Ltd		X	AS207841
100	ParadoxNetworks Limited			AS52025
101	Mobifone Global JSC			AS45896
102	Zero Distance LLC			AS57406
103	Tiggee LLC		X	AS16552
104	PHILUNET GmbH		X	AS205112
105	NetActuate, Inc		X	AS36236
106	Universitaet Stuttgart		X	AS553
107	Convergenze S.p.A.		X	AS39120
108	CustodianDC Limited		X	AS50300
109	RISE		X	AS63927
110	DSM (GB) Limited		X	AS48070
111	SIACOM JSC		X	AS198150
112	Pilot Fiber, Inc.		X	AS46450
113	Daisy Corporate Services Trading Ltd			AS5413
114	Claranet Limited		X	AS8426
115	Tech Futures Interactive Inc.			AS394256
116	SWITCH		X	AS559
117	Etihad Etisalat, a joint stock company			AS48237
118	LG DACOM Corporation			AS3786
119	Belgacom International Carrier Services SA			AS6774

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203	Ljosleidarinn ehf			
204	netplus.ch SA			
205	DoubleSquare Networks Inc.			AS14227
206	Level3 Carrier Ltd.		X	AS58682
207	MyRepublic Ltd.			AS132132
208	GlobalConnect A/S		X	AS31027
209	NewMedia Express Pte Ltd		X	AS38001
210	Eurofiber France SAS		X	AS200780
211	ESnet			AS293
212	Neterra Ltd.			AS34224
213	Fiberby ApS		X	AS42541
214	Polkomtel Sp. z o.o.		X	AS8374
215	Virtutel Pty Ltd		X	AS24516
216	Netia SA			AS12741
217	DOMINICAN CABLE GROUP DCG, S.R.L.		X	AS64126
218	StarHub Ltd			AS4657
219	Micron21 Datacentre Pty Ltd			AS38880
220	TDC Holding A/S		X	AS3292
221	Christian Elsen		X	AS213151
222	Freifunk Frankfurt am Main e.V.		X	AS64475
223	WIDE Project		X	AS2500
224	Telemach Slovenija d.o.o.			AS3212
225	MTS PJSC			AS8359
226	Taiwan Internet Gateway			AS9505
227	BroadbandONE, LLC			AS19151
228	Wholesail networks LLC			AS20055
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	AFNIX AGH LLC		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171

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228	Wholesail network LLC			
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	APNIC ASN block		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171
243	Fiord Networks, UAB		X	AS28917
244	Vorboss Limited		X	AS25160
245	VTX Services SA			AS12350
246	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)		X	AS25152
247	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
248	Kantonsschule Zug		X	AS34288
249	WIND TRE S.P.A.			AS1267
250	Orange Romania S.A.			AS8953
251	NETWORK INNOVATIONS, LLC			AS53828
252	Florida International University		X	AS20080
253	ADISTA SAS			AS16347
254	Fortinet Inc.			AS40934
255	Sota Solutions Ltd.		X	AS31742
256	Network Platforms (PTY) LTD		X	AS328832
257	NetIX Communications JSC		X	AS57463
258	ANEXIA Internetdienstleistungs GmbH		X	AS42473
259	SIPARTECH SAS			AS8309
260	VeloxServ Communications Ltd		X	AS3170
261	LWLcom GmbH		X	AS50629
262	Frederic Gargula		X	AS35360
263	DrukNet ISP			AS17660
264	TECHITRE SRL		X	AS213241
265	IP ServerOne Solutions Sdn Bhd			AS45352

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217	DOMINICAN C			
218	StarHub Ltd			
219	Micron21 Datacentre Pty Ltd			AS38880
220	TDC Holding A/S		X	AS3292
221	Christian Elsen		X	AS213151
222	Freifunk Frankfurt am Main e.V.		X	AS64475
223	WIDE Project		X	AS2500
224	Telemach Slovenija d.o.o.			AS3212
225	MTS PJSC			AS8359
226	Taiwan Internet Gateway			AS9505
227	BroadbandONE, LLC			AS19151
228	Wholesail networks LLC			AS20055
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	APNIC ASN block		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171
243	Fiord Networks, UAB		X	AS28917
244	Vorboss Limited		X	AS25160
245	VTX Services SA			AS12350
246	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)		X	AS25152
247	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
248	Kantonsschule Zug		X	AS34288
249	WIND TRE S.P.A.			AS1267
250	Orange Romania S.A.			AS8953
251	NETWORK INNOVATIONS, LLC			AS53828
252	Florida International University		X	AS20080
253	ADISTA SAS			AS16347
254	Fortinet Inc.			AS40934
255	Network Platforms (PTY) LTD			AS22882

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227	BroadbandONE			AS18181
228	Wholesale network LLC			AS18181
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	APNIC ASN block		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171
243	Fiord Networks, UAB		X	AS28917
244	Vorboss Limited		X	AS25160
245	VTX Services SA			AS12350
246	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)		X	AS25152
247	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
248	Kantonsschule Zug		X	AS34288
249	WIND TRE S.P.A.			AS1267
250	Orange Romania S.A.			AS8953
251	NETWORK INNOVATIONS, LLC			AS53828
252	Florida International University		X	AS20080
253	ADISTA SAS			AS16347
254	Fortinet Inc.			AS40934
255	Sota Solutions Ltd.		X	AS31742
256	Network Platforms (PTY) LTD		X	AS328832
257	NetIX Communications JSC		X	AS57463
258	ANEXIA Internetdienstleistungs GmbH		X	AS42473
259	SIPARTECH SAS			AS8309
260	VeloxServ Communications Ltd		X	AS3170
261	LWLcom GmbH		X	AS50629
262	Frederic Gargula		X	AS35360
263	DrukNet ISP			AS17660
264	TECHITIDE SRL		X	AS213241
265	IP ServerOne Solutions Sdn Bhd			AS45352



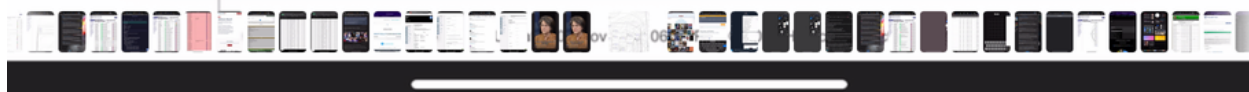
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- orld Report
- ulti Origin Routes
- NS Report
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- oing Native
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227	BroadbandONE			AS18181
228	Wholesale network LLC			AS18181
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	APNIC ASN block		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171
243	Fiord Networks, UAB		X	AS28917
244	Vorboss Limited		X	AS25160
245	VTX Services SA			AS12350
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252	Florida International University		X	AS20080
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256	Network Platforms (PTY) LTD		X	AS328832
257	NetIX Communications JSC		X	AS57463
258	ANEXIA Internetdienstleistungs GmbH		X	AS42473
259	SIPARTECH SAS			AS8309
260	VeloxServ Communications Ltd		X	AS3170
261	LWLcom GmbH		X	AS50629
262	Frederic Gargula		X	AS35360
263	DrukNet ISP			AS17660
264	TECHITIDE SRL		X	AS213241
265	IP ServerOne Solutions Sdn Bhd			AS45352

224	Telemach Slovenija			AS3212
225	MTS PJSC			AS8359
226	Taiwan Internet Gateway			AS9505
227	BroadbandONE, LLC			AS19151
228	Wholesail networks LLC			AS20055
229	Bell Canada			AS577
230	green.ch AG		X	AS1836
231	PT Telekomunikasi Indonesia		X	AS7713
232	Infinivan Incorporated			AS135607
233	Worldline IGSA SA		X	AS47957
234	CTS Communications Corp			AS19653
235	IPng Networks GmbH		X	AS8298
236	Serbia BroadBand-Srpske Kablovske mreze d.o.o.			AS31042
237	KDDI CORPORATION		X	AS2516
238	equada network GmbH		X	AS25220
239	Aussie Broadband			AS4764
240	Innsbrucker Kommunalbetriebe AG		X	AS31510
241	APNIC ASN block		X	AS132337
242	AFR-IX TELECOM SAU		X	AS60171
243	Fiord Networks, UAB		X	AS28917
244	Vorboss Limited		X	AS25160
245	VTX Services SA			AS12350
246	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)		X	AS25152
247	Next Layer Telekommunikationsdienstleistungs- und Beratungs GmbH		X	AS1764
248	Kantonsschule Zug		X	AS34288
249	WIND TRE S.P.A.			AS1267
250	Orange Romania S.A.			AS8953
251	NETWORK INNOVATIONS, LLC			AS53828
252	Florida International University		X	AS20080
253	ADISTA SAS			AS16347
254	Fortinet Inc.			AS40934
255	Sota Solutions Ltd.		X	AS31742
256	Network Platforms (PTY) LTD		X	AS328832
257	NetIX Communications JSC		X	AS57463
258	ANEXIA Internetdienstleistungs GmbH		X	AS42473
259	SIPARTECH SAS			AS8309
260	VeloxServ Communications Ltd		X	AS3170
261	LWLcom GmbH		X	AS50629



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Rank	Description	IPv4	Peer
1	Hurricane Electric LLC	X	AS6939
2	Level 3 Parent, LLC	X	AS3356
3	NTT America, Inc.	X	AS2914
4	PCCW Global, Inc.	X	AS3491
5	RETN Limited	X	AS9002
6	iFog GmbH	X	AS34927
7	Zayo Bandwidth	X	AS6461
8	meerfarbig GmbH & Co. KG	X	AS34549
9	SEACOM Limited	X	AS37100
10	Angola Cables	X	AS37468
11	Liberty Global B.V.	X	AS6830
12	Hivane Association	X	AS34019
13	Administracion Nacional de Telecomunicaciones	X	AS6057
14	Core-Backbone GmbH	X	AS33891
15	Vocus Connect International Backbone	X	AS4826
16	xTom GmbH	X	AS3214
17	GlobeNet Cabos Submarinos Colombia, S.A.S.	X	AS52320
18	Vodafone Group PLC	X	AS1273
19	Iway AG	X	AS8758
20	GSL Networks Pty LTD	X	AS137409
21	EDGEUNO S.A.S	X	AS7195
22	KDDI CORPORATION	X	AS2516
23	F5 Networks SARL	X	AS35280
24	weber.digital GmbH	X	AS35710
25	Stadtwerke Feldkirch	X	AS48362
26	Telecom IT Solutions SRL	X	AS47734
27	Zayo Infrastructure France SA	X	AS8218
28	Verizon Business	X	AS701



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Whois RDAP IRR IX Traceroute

Exchange	CC	City	IPv4	IPv6
AMS-IX		Amsterdam	80.249.208.130 80.249.210.46	2001:7f8:1::a501:3414:1 2001:7f8:1::a501:3414:2
AMS-IX Hong Kong		Hong Kong	103.247.139.53	2001:df0:296::a501:3414:1
BBIX Osaka		Osaka	218.100.9.139	2001:de8:c:2:0:1:3414:1
BBIX Tokyo		Tokyo	101.203.88.75 101.203.88.114	2001:de8:c::1:3414:1 2001:de8:c::1:3414:2
DE-CIX ASEAN		Singapore	103.162.254.86	2001:df6:480::3466:0:1
DE-CIX Frankfurt		Frankfurt	80.81.192.10 80.81.194.21	2001:7f8::3466:0:1 2001:7f8::3466:0:2
Digital Realty Telx Atlanta		Atlanta	198.32.132.112 206.126.110.111 206.126.110.112 198.32.132.111	2001:478:132::111 2001:504:17:110::111 2001:504:17:110::112 2001:478:132::112
Equinix Amsterdam		Amsterdam	185.1.112.64	2001:7f8:83::1:3414:1
Equinix Ashburn		Ashburn	206.126.236.97	2001:504:0:2:0:1:3414:2
Equinix Chicago		Chicago	208.115.136.171	2001:504:0:4:0:1:3414:1
Equinix Dallas		Dallas	206.223.118.139 206.223.118.195	2001:504:0:5:0:1:3414:1 2001:504:0:5:0:1:3414:2
Equinix Frankfurt		Frankfurt	185.1.102.84	2001:7f8:bd::1:3414:1
Equinix London		London	185.1.104.86	2001:7f8:be::1:3414:1
Equinix Los Angeles		Los Angeles	206.223.123.144 206.223.123.177	2001:504:0:3:0:1:3414:1 2001:504:0:3:0:1:3414:2
Equinix Miami (formerly NOTA)		Miami	198.32.243.114 198.32.243.67	2001:504:0:6:0:1:3414:2 2001:504:0:6:0:1:3414:1
Equinix New York		New York	198.32.118.135 198.32.118.126	2001:504:f::1:3414:2 2001:504:f::1:3414:1
Equinix Osaka		Osaka	203.190.227.30	2001:de8:5:1:0:1:3414:1
Equinix San Jose		San Jose	206.223.116.101 206.223.116.94	2001:504:0:1:0:1:3414:2 2001:504:0:1:0:1:3414:1
Equinix Singapore		Singapore	27.111.228.113 27.111.228.229	2001:de8:4::1:3414:2 2001:de8:4::1:3414:1
Equinix Sydney		Sydney	45.127.172.34 45.127.172.82	
Equinix Tokyo		Tokyo	203.190.230.64 203.190.230.101	2001:de8:5::1:3414:1 2001:de8:5::1:3414:2
France-IX		Paris	37.49.237.70 37.49.237.71	2001:7f8:54::1:70 2001:7f8:54::1:71



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RADB

```
aut-num: AS13414
as-name: TWITTER
descr: Twitter
import: from AS-ANY accept ANY AND NOT {0.0.0.0/0}
export: to AS-ANY announce AS-TWITTER AND NOT {0.0.0.0/0}
admin-c: NETW03685-ARIN
tech-c: NETW03685-ARIN
notify: noc@twitter.com
mnt-by: MAINT-AS13414
changed: rcarroll@twitter.com 20190702 #08:43:36Z
source: RADB
last-modified: 2023-11-13T15:56:41Z
```



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- etwork Tools App
- ree IPv6 Tunnel
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RADB

```
aut-num: AS13414
as-name: TWITTER
descr: Twitter
import: from AS-ANY accept ANY AND NOT {0.0.0.0/0}
export: to AS-ANY announce AS-TWITTER AND NOT {0.0.0.0/0}
admin-c: NETW03685-ARIN
tech-c: NETW03685-ARIN
notify: noc@twitter.com
mnt-by: MAINT-AS13414
changed: rcarroll@twitter.com 20190702 #08:43:36Z
source: RADB
last-modified: 2023-11-13T15:56:41Z
```



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AS13414

{JSON} Hide

Network Name: TWITTER

Autnum Range: 13414 - 13414

Status:

- active

Events:

last changed: 2/19/2015, 12:54:51 PM

registration: 7/9/2010, 1:49:19 PM

Whois Server: whois.arin.net

Links:

- <https://rdap.arin.net/registry/autnum/13414> (self)
- <https://whois.arin.net/rest/asn/AS13414> (alternate)

Entities:

Entity TWITT

Hide

Handle: TWITT

Roles:

- registrant

Events:

last changed: 4/7/2023, 5:51:50 PM

registration: 3/8/2010, 12:10:32 PM

Contact:

Name: Twitter Inc.

Address:

1355 Market Street

Suite 900

San Francisco

CA

94102



AS13414 Twitter Inc.

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Exchange	CC	City	IPv4	IPv6
AMS-IX		Amsterdam	80.249.208.130 80.249.210.46	2001:7f8:1::a501:3414:1 2001:7f8:1::a501:3414:2
AMS-IX Hong Kong		Hong Kong	103.247.139.53	2001:df0:296::a501:3414:1
BBIX Osaka		Osaka	218.100.9.139	2001:de8:c:2:0:1:3414:1
BBIX Tokyo		Tokyo	101.203.88.75 101.203.88.114	2001:de8:c::1:3414:1 2001:de8:c::1:3414:2
DE-CIX ASEAN		Singapore	103.162.254.86	2001:df6:480::3466:0:1
DE-CIX Frankfurt		Frankfurt	80.81.192.10 80.81.194.21	2001:7f8::3466:0:1 2001:7f8::3466:0:2
Digital Realty Telx Atlanta		Atlanta	198.32.132.112 206.126.110.111 206.126.110.112 198.32.132.111	2001:478:132::111 2001:504:17:110::111 2001:504:17:110::112 2001:478:132::112
Equinix Amsterdam		Amsterdam	185.1.112.64	2001:7f8:83::1:3414:1
Equinix Ashburn		Ashburn	206.126.236.97	2001:504:0:2:0:1:3414:2
Equinix Chicago		Chicago	208.115.136.171	2001:504:0:4:0:1:3414:1
Equinix Dallas		Dallas	206.223.118.139 206.223.118.195	2001:504:0:5:0:1:3414:1 2001:504:0:5:0:1:3414:2
Equinix Frankfurt		Frankfurt	185.1.102.84	2001:7f8:bd::1:3414:1
Equinix London		London	185.1.104.86	2001:7f8:be::1:3414:1
Equinix Los Angeles		Los Angeles	206.223.123.144 206.223.123.177	2001:504:0:3:0:1:3414:1 2001:504:0:3:0:1:3414:2
Equinix Miami (formerly NOTA)		Miami	198.32.243.114 198.32.243.67	2001:504:0:6:0:1:3414:2 2001:504:0:6:0:1:3414:1
Equinix New York		New York	198.32.118.135 198.32.118.126	2001:504:f::1:3414:2 2001:504:f::1:3414:1
Equinix Osaka		Osaka	203.190.227.30	2001:de8:5:1:0:1:3414:1
Equinix San Jose		San Jose	206.223.116.101 206.223.116.94	2001:504:0:1:0:1:3414:2 2001:504:0:1:0:1:3414:1
Equinix Singapore		Singapore	27.111.228.113 27.111.228.229	2001:de8:4::1:3414:2 2001:de8:4::1:3414:1
Equinix Sydney		Sydney	45.127.172.34 45.127.172.82	
Equinix Tokyo		Tokyo	203.190.230.64 203.190.230.101	2001:de8:5::1:3414:1 2001:de8:5::1:3414:2
France-IX		Paris	37.49.237.70 37.49.237.71	2001:7f8:54::1:70 2001:7f8:54::1:71

Entity TWITT

Handle: TWITT

Roles:

- registrant

Events:

last changed: 4/7/2023, 5:51:50 PM

registration: 3/8/2010, 12:10:32 PM

Contact:

Name: Twitter Inc.

Address:

1355 Market Street
Suite 900
San Francisco
CA
94103
United States

kind: org

Whois Server: whois.arin.net

Links:

- <https://rdap.arin.net/registry/entity/TWITT> (self)
- <https://whois.arin.net/rest/org/TWITT> (alternate)

Entities:

Entity FENEC5-ARIN

Hide

Handle: FENEC5-ARIN

Roles:

- technical

Events:

last changed: 12/19/2023, 11:45:30 AM

registration: 7/28/2021, 2:40:52 PM

Contact:

Address:

1355 Market Street
Suite 900
San Francisco
CA
94103
United States

Name: William Fenech

kind: individual

Email: wfenech@x.com

**KOLES:**

- registrant



Events:

last changed: 4/7/2023, 5:51:50 PM

registration: 3/8/2010, 12:10:32 PM

Contact:

Name: Twitter Inc.

Address:

1355 Market Street
Suite 900
San Francisco
CA
94103
United States

kind: org

Whois Server: whois.arin.net

Links:

- <https://rdap.arin.net/registry/entity/TWITT> (self)
- <https://whois.arin.net/rest/org/TWITT> (alternate)

Entities:

Entity FENEC5-ARIN

Hide

Handle: FENEC5-ARIN

Roles:

- technical

Events:

last changed: 12/19/2023, 11:45:30 AM

registration: 7/28/2021, 2:40:52 PM

Contact:

Address:

1355 Market Street
Suite 900
San Francisco
CA
94103
United States

Name: William Fenech

kind: individual

Email: wfenech@x.com

Email: wfenech@twitter.com

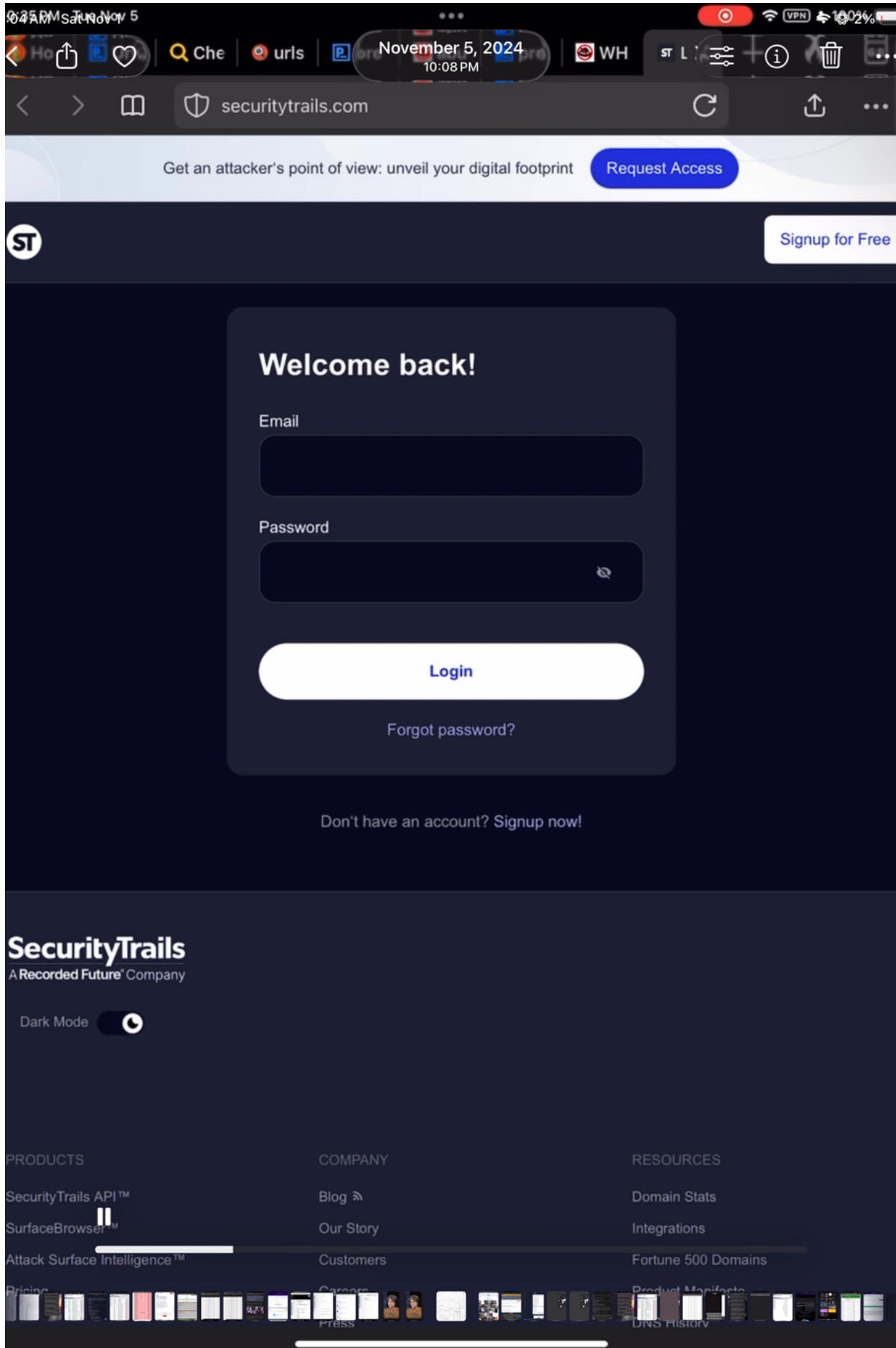
Tel: +1-415-222-9670 (work,voice)

Whois Server: whois.arin.net

Links:

- <https://edge.arin.net/egix/identity/EFNEC5-ARIN/self>
<https://whois.arin.net/rest/doc/EFNEC5-ARIN/tailored>





Organization: Identity Protection Service

Name: On behalf of theverge.com owner

Telephone: (148) 330-7527

Email: 872579bc-c289-44fc-ad49-df295be91455@identity-protect.org

Address:

P0 Box 786
Hayes, Middlesex UB3 9TR
United Kingdom

Nameservers:

ns-11.awsdns-01.com

ns-1312.awsdns-36.org

ns-1883.awsdns-43.co.uk

ns-637.awsdns-15.net

Registered with Amazon Registrar, Inc.

Stat

Created: 1998-11-11T00:00:00Z

Last updated: 2024-10-06T00:00:00Z

Expires On: 2025-11-10T00:00:00Z

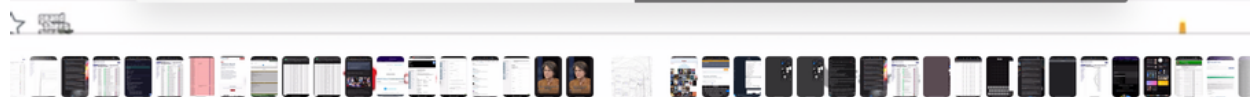
Subdomains

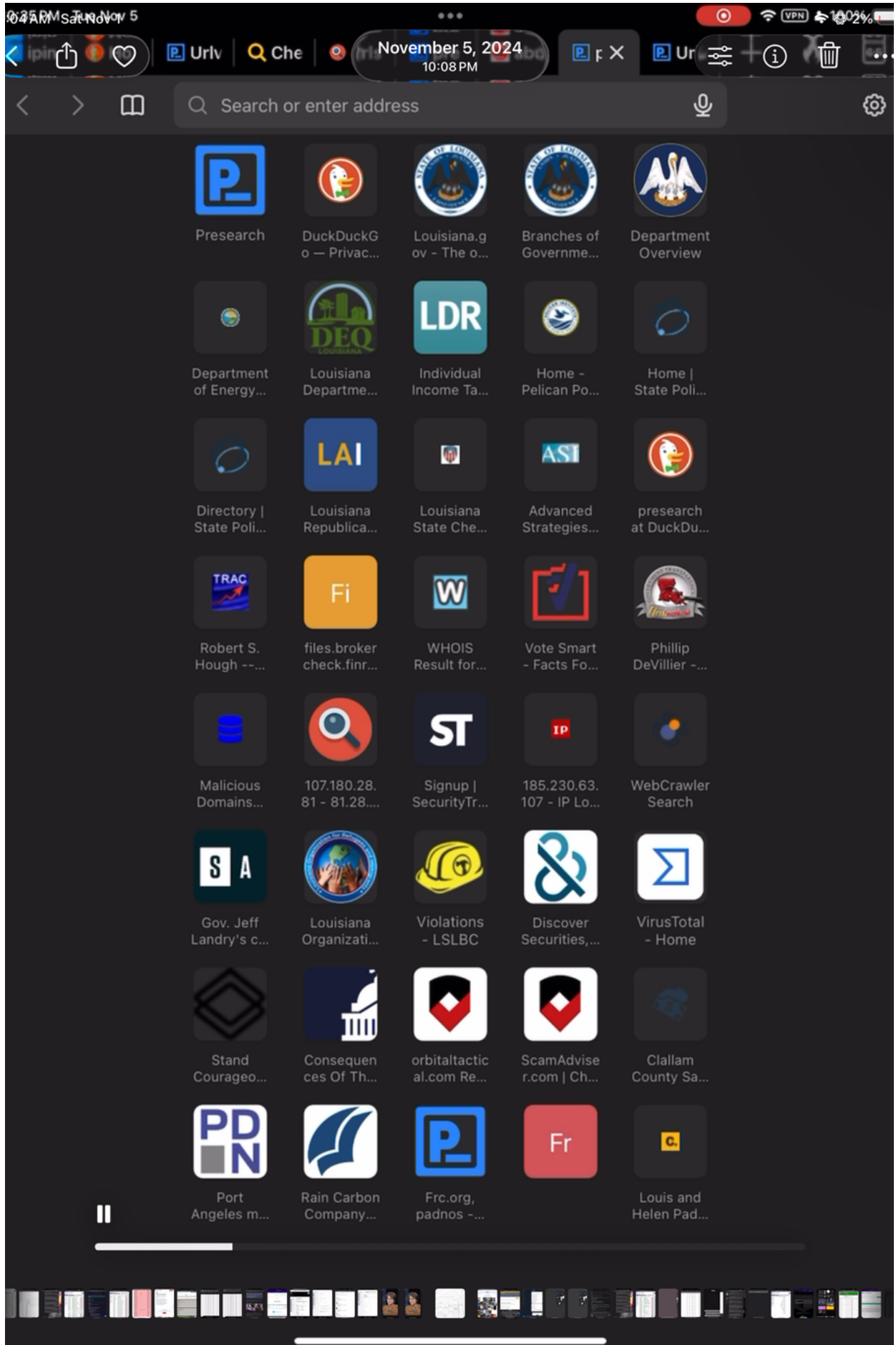
- | | | |
|--------------|------------------|---|
| • live | • network.qa-24 | • |
| • store | • network.qa-36 | • |
| • link | • network.qa-35 | • |
| • shop | • network.qa-22 | • |
| • subs | • bible | • |
| • newsletter | • platform.qa-16 | • |



Fastly

	X (Twitter)		
	Reddit		
	Call of Duty		
	Boingo		
	Hulu		
	CNN		
	PUBG Battlegrounds		
	League of Legends		
	Facebook		
	Fox News		
	Google		
	OpenAI		
	News Max		
	Amazon Prime Video		
	Rise Broadband		
	Apex Legends		





```
rdapConformance" : [ "nro_rdap_profile_0", "rdap_level_0" ],
"notices" : [ {
  "title" : "Terms of Service",
  "description" : [ "By using the ARIN RDAP/Whois service, you are agreeing to the RDAP/Whois Terms
Use" ],
  "links" : [ {
    "value" : "https://rdap.arin.net/registry/entity/TWITT",
    "rel" : "terms-of-service",
    "type" : "text/html",
    "href" : "https://www.arin.net/resources/registry/whois/tou/"
  } ]
}, {
  "title" : "Whois Inaccuracy Reporting",
  "description" : [ "If you see inaccuracies in the results, please visit: " ],
  "links" : [ {
    "value" : "https://rdap.arin.net/registry/entity/TWITT",
    "rel" : "inaccuracy-report",
    "type" : "text/html",
    "href" : "https://www.arin.net/resources/registry/whois/inaccuracy_reporting/"
  } ]
}, {
  "title" : "Copyright Notice",
  "description" : [ "Copyright 1997-2024, American Registry for Internet Numbers, Ltd." ]
} ],
"handle" : "TWITT",
"vcardArray" : [ "vcard", [ [ "version", { }, "text", "4.0" ], [ "fn", { }, "text", "Twitter Inc."
"adr", {
  "label" : "1355 Market Street\r\nSuite 900\r\nSan Francisco\r\nCA\r\n94103\r\nUnited States"
}, "text", [ "", "", "", "", "", "", "" ], [ "kind", { }, "text", "org" ] ] ],
"links" : [ {
  "value" : "https://rdap.arin.net/registry/entity/TWITT",
  "rel" : "self",
  "type" : "application/rdap+json",
  "href" : "https://rdap.arin.net/registry/entity/TWITT"
}, {
  "value" : "https://rdap.arin.net/registry/entity/TWITT",
  "rel" : "alternate",
  "type" : "application/xml",
  "href" : "https://whois.arin.net/rest/org/TWITT"
} ],
"events" : [ {
  "eventAction" : "last changed",
  "eventDate" : "2023-04-07T18:51:50-04:00"
}, {
  "eventAction" : "registration",
  "eventDate" : "2010-03-08T13:10:32-05:00"
} ],
"entities" : [ {
  "handle" : "TNA33-ARIN",
  "vcardArray" : [ "vcard", [ [ "version", { }, "text", "4.0" ], [ "adr", {
    "label" : "1355 Market St\r\nFlr 9\r\nSan Francisco\r\nCA\r\n94103\r\nUnited States"
  }, "text", [ "", "", "", "", "", "", "" ], [ "fn", { }, "text", "Twitter Network Abuse" ], [
    "org", { }, "text", "Twitter Network Abuse" ], [ "kind", { }, "text", "group" ], [ "email", { },
    "text", "net-abuse@twitter.com" ], [ "tel", {
      "type" : [ "work", "voice" ]
    }, "text", "+1-415-222-9670" ] ] ],
  "roles" : [ "abuse" ],
  "remarks" : [ {
    "title" : "Unvalidated POC",
    "description" : [ "ARIN has attempted to validate the data for this POC, but has received no
response from the POC since 2016-04-21" ]
  } ],
  "links" : [ {
    "value" : "https://rdap.arin.net/registry/entity/TWITT",
    "rel" : "self",
    "type" : "application/rdap+json",
    "href" : "https://rdap.arin.net/registry/entity/TNA33-ARIN"
  }, {
    "value" : "https://rdap.arin.net/registry/entity/TWITT",
    "rel" : "alternate",
```

The image shows a mobile device screen with a JSON file named 'South69-ARIN.json' open. The JSON content is a complex object representing network information. The top of the screen shows a status bar with the time 10:02 AM and various icons. A date overlay 'November 5, 2024' is visible. The bottom of the screen shows a dock with various app icons. The JSON content is as follows:

```

{
  "roles": [
    {
      "technical": true
    }
  ],
  "links": [
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "self",
      "type": "application/rdap+json",
      "href": "https://rdap.arin.net/registry/entity/SOUTH69-ARIN"
    },
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "alternate",
      "type": "application/xml",
      "href": "https://whois.arin.net/rest/poc/SOUTH69-ARIN"
    }
  ],
  "events": [
    {
      "eventAction": "last changed",
      "eventDate": "2024-01-15T01:30:42-05:00"
    },
    {
      "eventAction": "registration",
      "eventDate": "2017-08-31T17:09:15-04:00"
    }
  ],
  "status": [
    {
      "validated": true
    }
  ],
  "port43": "whois.arin.net",
  "objectClassName": "entity"
}, {
  "handle": "NETWO3685-ARIN",
  "vcardArray": [
    {
      "vcard": [
        {
          "version": "4.0",
          "adr": [
            {
              "label": "1355 Market St\\r\\nFlr 9\\nSan Francisco\\nCA\\n94103\\nUnited States",
              "text": [
                {
                  "fn": "Network Operations",
                  "org": "Network Operations"
                },
                {
                  "kind": "group",
                  "email": ""
                }
              ]
            }
          ]
        }
      ]
    }
  ],
  "tel": [
    {
      "work": true,
      "voice": true,
      "text": "+1-415-222-9670"
    }
  ],
  "roles": [
    {
      "technical": true,
      "noc": true,
      "administrative": true
    }
  ],
  "links": [
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "self",
      "type": "application/rdap+json",
      "href": "https://rdap.arin.net/registry/entity/NETWO3685-ARIN"
    },
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "alternate",
      "type": "application/xml",
      "href": "https://whois.arin.net/rest/poc/NETWO3685-ARIN"
    }
  ],
  "events": [
    {
      "eventAction": "last changed",
      "eventDate": "2024-08-31T10:37:31-04:00"
    },
    {
      "eventAction": "registration",
      "eventDate": "2010-03-05T10:34:28-05:00"
    }
  ],
  "status": [
    {
      "validated": true
    }
  ],
  "port43": "whois.arin.net",
  "objectClassName": "entity"
}, {
  "autnums": [
    {
      "handle": "AS13414",
      "startAutnum": 13414,
      "endAutnum": 13414,
      "name": "TWITTER",
      "events": [
        {
          "eventAction": "last changed",
          "eventDate": "2015-02-19T13:54:51-05:00"
        },
        {
          "eventAction": "registration",
          "eventDate": "2010-07-09T14:49:19-04:00"
        }
      ]
    }
  ],
  "links": [
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "self",
      "type": "application/rdap+json",
      "href": "https://rdap.arin.net/registry/autnum/13414"
    },
    {
      "value": "https://rdap.arin.net/registry/entity/TWITT",
      "rel": "alternate",
      "type": "application/xml",
      "href": "https://whois.arin.net/rest/asn/AS13414"
    }
  ]
}

```




4:25 PM Saturday, Nov 5

November 5, 2024
10:08 PM

🔍

📶

🔒

🔋

100%

🏠

🔍

📄

👤

🔔

✉️

🔖

📁

👤

⋮

For you

Following

Louisiana News

Ppl I Hope to Follow

**Cenk Uygur**  @cenkuygur · 54m

Either side can still win, but here's what turned out to be bullshit - a Kamala Harris landslide. I knew I shouldn't have believed all the optimistic Democrats who were buried in their delusional bubble. Here's a lesson Democrats will never learn - people hate the establishment!

🗨️ 54

↻️ 22

❤️ 338

📊 4.6K

🔖

📤

**RosaryWarrior**    @infidel_cracka · 55m

Told ya that was BS. Trump just won Iowa by 12 points

🗨️

↻️

❤️ 2

📊 39

🔖

📤

**Don Winslow**  @donwinslow · 1h

This. Really. Sucks.

**The Election Center** @ElectionCenter_ · 1h

Projection:
Incumbent Republican Senator Ted Cruz is the Projected Winner in the Texas Senate Election. He will defeat Democrat Collin Allred.

Republican Hold

#ElectionDay #Election2024 #TXSen

TEXAS

TED CRUZ

REPUBLICAN



SENATE

✓ PROJECTED WINNER

*INCUMBENT



⏸️

🗨️ 479

↻️ 288

❤️ 3.6K

📊 123K

🔖

📤

**NOLA.com** @NOLAnews · 1h

House

11:44 AM Saturday, November 5, 2024

www.medmro.com/

Submission: On April 16 via api from US — Scanned from DE

Home

Behaviour

Indicators

Similar

DOM

Content

API

Verdicts

Summary

This website contacted **9 IPs** in **4 countries** across **7 domains** to perform **75 HTTP transactions**. The main IP is **120.26.206.151**, located in **Hangzhou, China** and belongs to **ALIBABA-CN-NET Hangzhou Alibaba Advertising Co.,Ltd., CN**. The main domain is **www.medmro.com**.
TLS certificate: Issued by **Encryption Everywhere DV TLS CA - G1** on April 17th 2023. Valid for: a year.

www.medmro.com scanned 2 times on urlscan.io

Show Scans 2

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for www.medmro.com

Current DNS A record: 120.26.206.151 (AS37963 - ALIBABA-CN-NET Hangzhou Alibaba Advertising Co.,Ltd., CN)

Domain created: February 12th 2016, 00:36:22 (UTC)

Domain registrar: Alibaba Cloud Computing (Beijing) Co., Ltd.

Domain & IP information

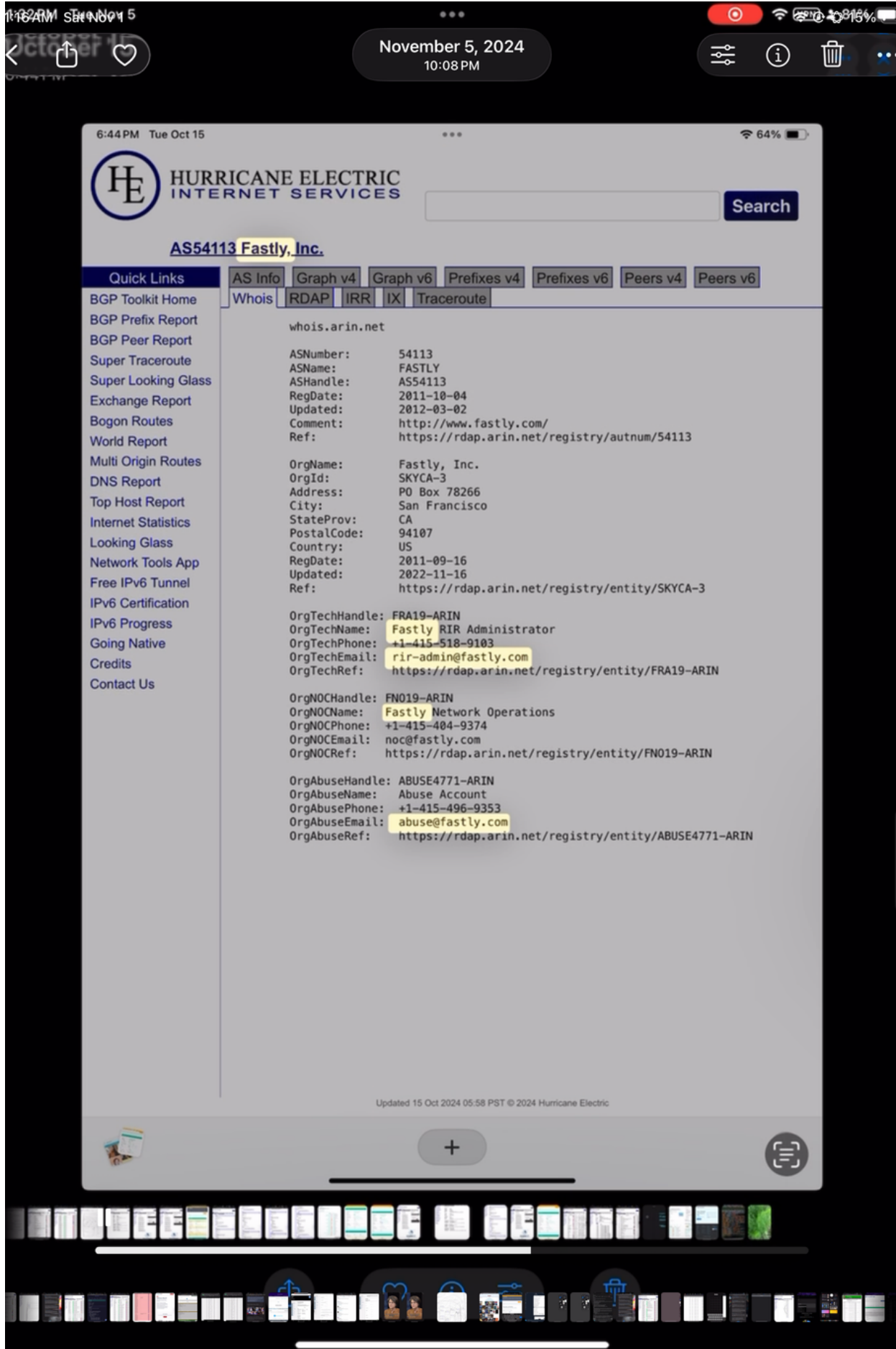
IP/ASNs	IP Detail	Domains	Domain Tree	Links	Certs	Frames
	IP Address	AS Autonomous System				
55	120.26.206.151	37963 (ALIBABA-CN-NET Hangzhou Alibaba Advertising Co.)				
4	240e:974:e700:800::12c	38283 (CHINANET-SCIDC-AS-AP CHINANET SiChuan Telecom Internet Data Center)				
1	2409:8c20:8ab1:22:1::f4	56046 (CMNET-JIANGSU-AP China Mobile communications corporation)				
1	172.67.169.115	13335 (CLOUDFLARENET)				
2	103.235.46.191	55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)				
4	163.171.128.148	54994 (ML-1432-54994)				
3	163.181.157.90	24429 (TAOBAO Zhejiang Taobao Network Co.)				
2	123.56.146.53	37963 (ALIBABA-CN-NET Hangzhou Alibaba Advertising Co.)				
75	9					

Screenshot

Live screenshot

Full Image





3:31AM Sat Nov 1

November 5, 2024
10:08 PM

19%

Nice skewed projections.

 **TUNDRA CARNAGE INC.** @Lets_Play_MEOW · 1h

Election interference is a crime @CNN @MSNBC x.com/Lets_Play_MEOW...

3

23

65

2.8K

 **Anonymous** @YourAnonCentral · 54m

In the 3rd of a three part series, the US conclusively proves that it hates women more than it hates Nazis and child rapist.

68

1.2K

5.6K

148K

 **Jon Cryer** @MrJonCryer · 43m

If Trump wins, his sentencing hearing on November 24th is gonna be very awkward.

160

190

2.8K

47K

 **Doug Aoki** @Nantanreikan · 12m

The election looks bad. Very bad.

1

11

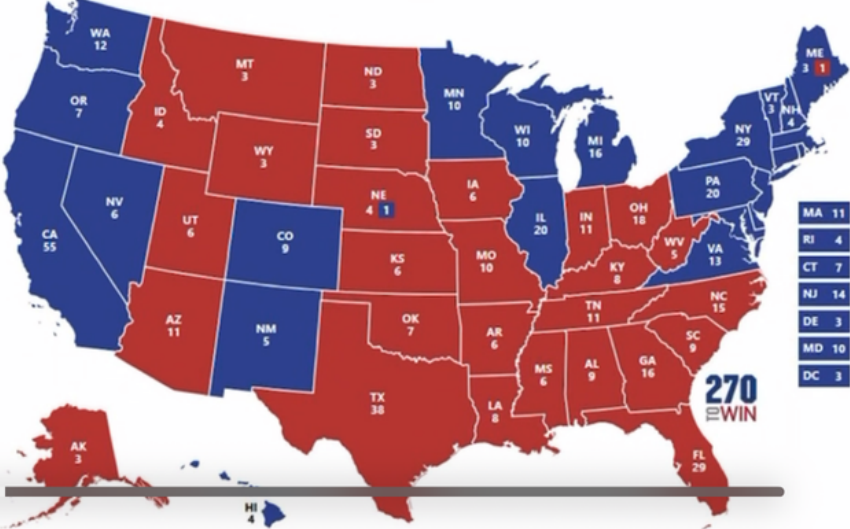
284

 **Tom Nichols** @RadioFreeTom · 36m

Okay, you all want some Hopium? Here you go: If Harris keeps the Blue Wall, she wins.
That's it. That's the tweet.

Democrats 279

259 Republicans



270 **WIN**

6:47 PM Tue Oct 15

Domain Reputation API

62%

SPONSORED: APIs for Threat Analysis & Detection - Prevent Malware & Ransomware - Harden Windows

11

Report Summary

Website Address	Adoptioncenterofillinois.org
Last Analysis	23 hours ago Rescan
Detections Counts	0/39
Domain Registration	2010-06-16 15 years ago
Domain Information	WHOIS Lookup DNS Records Ping
IP Address	23.185.0.4 Find Websites IPVoid Whois
Reverse DNS	Unknown
ASN	AS54113 FASTLY
Server Location	 (US) United States
Latitude\Longitude	37.751 / -97.822 Google Map
City	Unknown
Region	Unknown

Scanning Engines

1:16 AM Sat Nov 1

AS Info Graph v4 Graph v6 Prefixes v4 Prefixes v6 Peers v4 Peers v6

November 5, 2024 10:08 PM

whois.arin.net

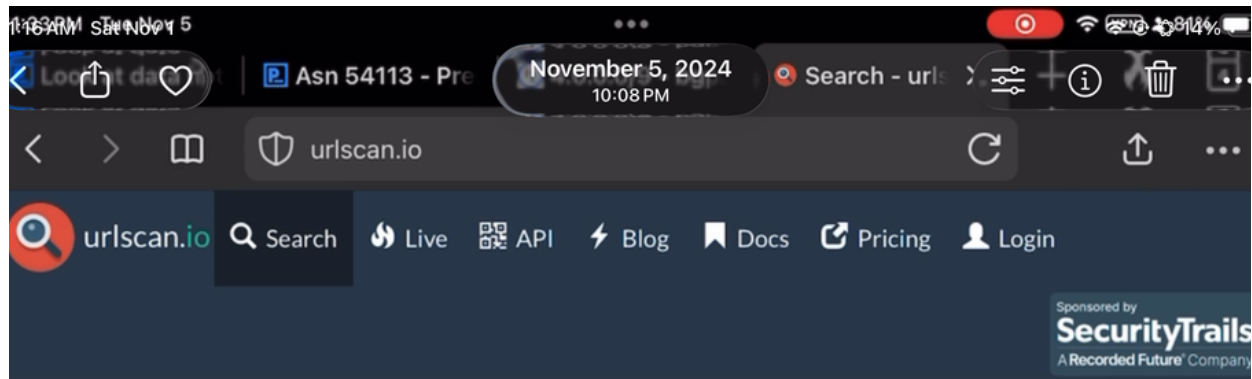
ASNumber: 54113
ASName: FASTLY
ASHandle: AS54113
RegDate: 2011-10-04
Updated: 2012-03-02
Comment: <http://www.fastly.com/>
Ref: <https://rdap.arin.net/registry/autnum/54113>

OrgName: Fastly, Inc.
OrgId: SKYCA-3
Address: PO Box 78266
City: San Francisco
StateProv: CA
PostalCode: 94107
Country: US
RegDate: 2011-09-16
Updated: 2022-11-16
Ref: <https://rdap.arin.net/registry/entity/SKYCA-3>

OrgTechHandle: FRA19-ARIN
OrgTechName: Fastly RIR Administrator
OrgTechPhone: +1-415-518-9103
OrgTechEmail: rir-admin@fastly.com
OrgTechRef: <https://rdap.arin.net/registry/entity/FRA19-ARIN>

OrgNOCHandle: FN019-ARIN
OrgNOCName: Fastly Network Operations
OrgNOCPhone: +1-415-404-9374
OrgNOCEmail: noc@fastly.com
OrgNOCRef: <https://rdap.arin.net/registry/entity/FN019-ARIN>

OrgAbuseHandle: ABUSE4771-ARIN
OrgAbuseName: Abuse Account
OrgAbusePhone: +1-415-496-9353
OrgAbuseEmail: abuse@fastly.com
OrgAbuseRef: <https://rdap.arin.net/registry/entity/ABUSE4771-ARIN>



Search for domains, IPs, filenames, hashes, ASNs

31850

Search

X

Help

Search results (0 / 0)

Showing All Hits

Details: Hidden

URL

Age

Size

↔

IPs

📄

🏠

(0 results in total, 0 shown)

Copyright © 2024, urlscan

GmbH

Version: 2024.11.04.17.34



Follow @urlscanio

751 Scans Running

5861 Scans Queued

595212 Public (24h)

16960714 Private (24h)

1383102 Private (24h)

• Status Page

• Terms of Service

• Privacy Policy

• Impressum / Legal

6:44 PM Tue Oct 15

64%

AS54113 Fastly, Inc.

Quick Links

BGP Toolkit Home

BGP Prefix Report

BGP Peer Report

Super Traceroute

Super Looking Glass

Exchange Report

Bogon Routes

World Report

Multi Origin Routes

DNS Report

Top Host Report

Internet Statistics

Looking Glass

Network Tools App

Free IPv6 Tunnel

IPv6 Certification

IPv6 Progress

Going Native

Credits

Contact Us

AS Info

Graph v4

Graph v6

Prefixes v4

Prefixes v6

Peers v4

Peers v6

Whois

RDAP

IRR

IX

Traceroute

Company Website:

Country of Origin:

Internet Exchanges: 144

Prefixes Originated (all): 1,309

Prefixes Originated (v4): 446

Prefixes Originated (v6): 863

Prefixes Announced (all): 1,309

Prefixes Announced (v4): 446

Prefixes Announced (v6): 863

RPKI Originated Valid (all): 1,305

RPKI Originated Valid (v4): 444

RPKI Originated Valid (v6): 861

RPKI Originated Invalid (all): 0

RPKI Originated Invalid (v4): 0

RPKI Originated Invalid (v6): 0

BGP Peers Observed (all): 491

BGP Peers Observed (v4): 442

BGP Peers Observed (v6): 402

IPs Originated (v4): 347,392

AS Paths Observed (v4): 14,372

AS Paths Observed (v6): 14,960

Average AS Path Length (all): 4.160

Average AS Path Length (v4): 4.117

Average AS Path Length (v6): 4.202

https://www.fastly.com

United States

AS54113 IPv4 Peers

ASN	Name
AS262589	SAMM TECNOLOGIA E TELECOMUNICACOES S.A
AS21859	Zanlauer Inc



Search

4.0.0.0/9

Quick Links

GP Toolkit Home
GP Prefix Report
GP Peer Report
Super Traceroute
Super Looking Glass
Exchange Report
BGP Routes
World Report
Multi Origin Routes
DNS Report
BGP Host Report
Internet Statistics
Super Looking Glass
Network Tools App
Free IPv6 Tunnel
IPv6 Certification
IPv6 Progress
Doing Native
Credits
Contact Us

Network Info

Whois

RDAP

DNS

IRR

Propagation

Visibility

Routes

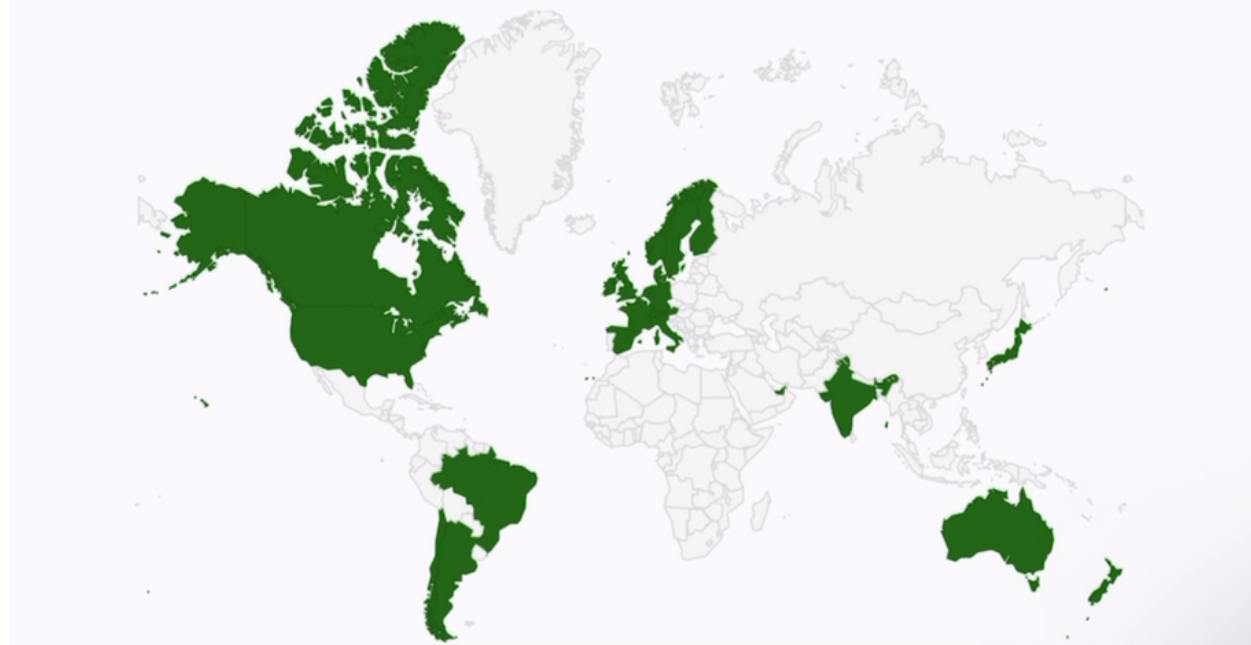
Traceroute

Records truncated to 1000 entries.

IP	PTR	A
4.0.0.2	computer-ca.edge1.houston1.level3.net	
4.0.0.3	l0.washdc3-cmb1.bbnplanet.net	
4.0.0.4	l0.cambridge1-sr3.bbnplanet.net	fastogn.fo
4.0.0.5	lag-30-278-99.bear2.pittsburgh3.level3.net	
4.0.0.6	l0.cambridge1-nbr1.bbnplanet.net	
4.0.0.11	l99.washdc3-cmb1.bbnplanet.net	
4.0.0.34	l4.crtntx1-cmb1.bbnplanet.net	
4.0.0.40	l0.miasfl1-cr5.bbnplanet.net	
4.0.0.41	l0.burlma2-cr1.bbnplanet.net	
4.0.0.47	l0.nchicago2-cr1.bbnplanet.net	
4.0.0.48	l0.nchicago2-cr2.bbnplanet.net	
4.0.0.49	l0.nchicago2-ts2.bbnplanet.net	
4.0.0.50	l0.nchicago2-ts3.bbnplanet.net	
4.0.0.60	l00.iplvin1-hcr5.bbnplanet.net	
4.0.0.169	ae2-1212.bar1.philadelphia1.level3.net	
4.0.0.170	verizon-com.bar1.philadelphia1.level3.net	
4.0.0.186	l1.washdc3-cmb1.bbnplanet.net	
4.0.0.194	l0.jackson-cr1.bbnplanet.net	
4.0.0.199	l0.baltimore1-ts1.bbnplanet.net	
4.0.0.223	l0.vienna1-ts1.bbnplanet.net	
4.0.0.225	l0.vienna1-ts3.bbnplanet.net	
4.0.0.226	l0.vienna1-ts4.bbnplanet.net	
4.0.0.228	l0.vienna1-br2.bbnplanet.net	
4.0.0.229	l0.vienna1-cr1.bbnplanet.net	
4.0.0.230	l0.vienna1-cr2.bbnplanet.net	
4.0.0.231	l0.vienna1-cr3.bbnplanet.net	
4.0.0.232	l0.vienna1-cr4.bbnplanet.net	
4.0.0.242	l0.columbia1-sr1.bbnplanet.net	

AS54113 is an autonomous system number (ASN) managed by **Fastly**. The registry was last assigned on 4 Oct 2011 with 8.6235096564751E+28 IP addresses active in the network. AS54113 network's IP addresses are assigned by the American Registry for Internet Numbers (**ARIN**), the regional internet registry (RIR) for North American IP addresses.

Average ping response times for the Fastly network are **79.73 milliseconds**. Based on our research of active subnet ranges, there are 8.6235096564751E+28 IPv6 addresses and 308,323 IPv4 addresses assigned to **Fastly**.

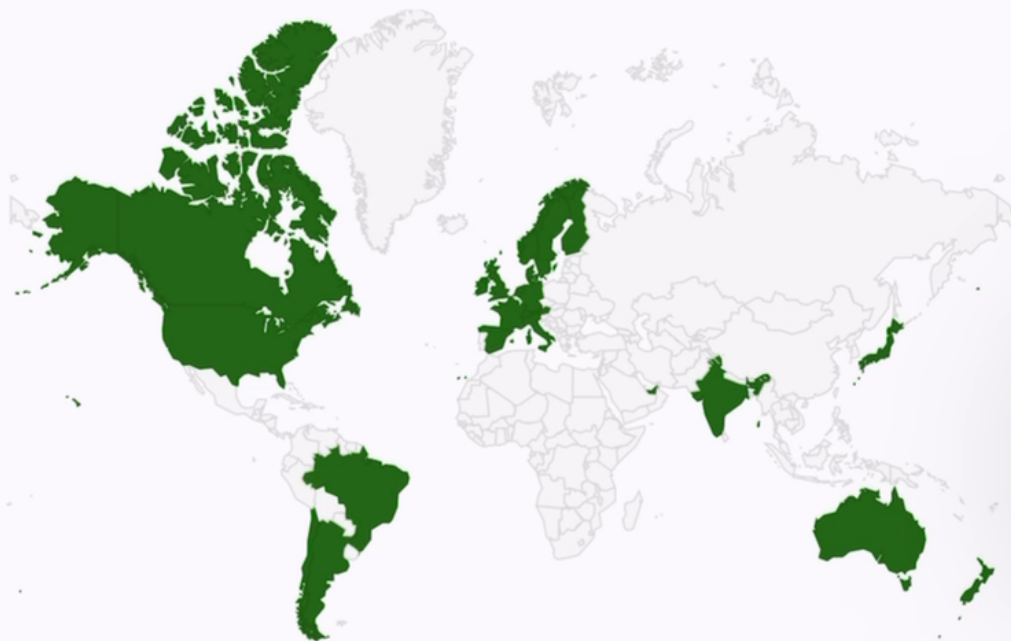


AS54113 Network Report	
Lookup details for the Fastly network.	
 Network Name	AS54113 Fastly
 Network ISP	Fastly
 Network Organization	Pantheon
 Registry Status	Active — Allocated under ARIN
 Registry Date	4 Oct 2011
 Total IPv4 Addresses	308,323
 Total IPv6 Addresses	8.6235096564751E+28

AS54113 Fastly Network Details

AS54113 is an autonomous system number (ASN) managed by **Fastly**. The registry was last assigned on 4 Oct 2011 with 8.6235096564751E+28 IP addresses active in the network. AS54113 network's IP addresses are assigned by the American Registry for Internet Numbers (**ARIN**), the regional internet registry (RIR) for North American IP addresses.

Average ping response times for the Fastly network are **79.73 milliseconds**. Based on our research of active subnet ranges, there are 8.6235096564751E+28 IPv6 addresses and 308,323 IPv4 addresses assigned to **Fastly**.

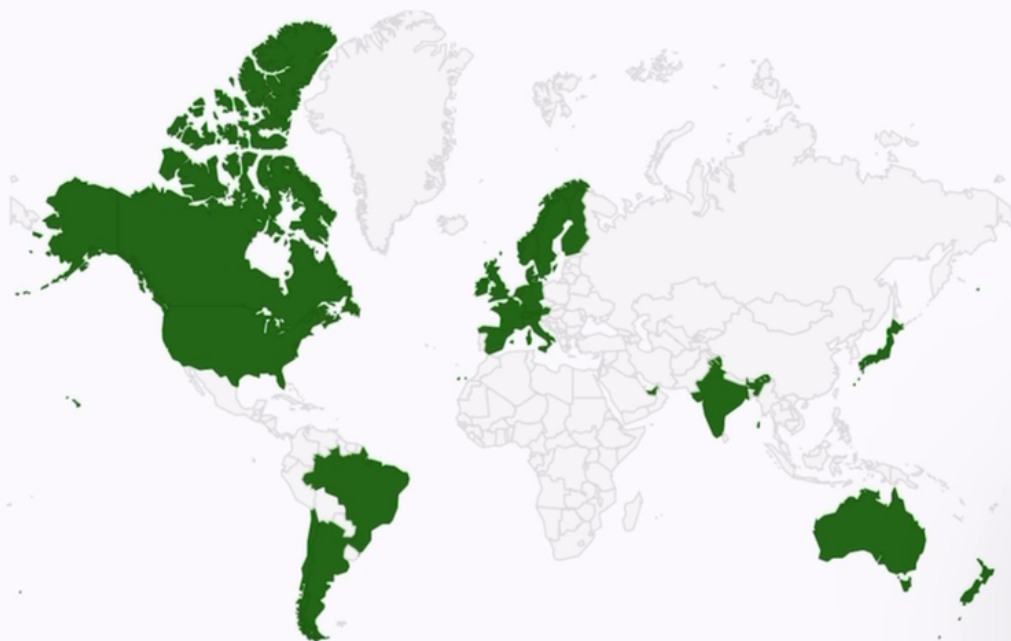


AS54113 Network Report

Lookup details for the Fastly network.

Network Name	AS54113 Fastly
Network ISP	Fastly
Network Organization	Pantheon
Registry Status	Active — Allocated under ARIN
Registry Date	4 Oct 2011

Average ping response times for the Fastly network are **79.73 milliseconds**. Based on our research of active subnet ranges, there are 8.6235096564751E+28 IPv6 addresses and 308,323 IPv4 addresses assigned to **Fastly**.



AS54113 Network Report

Lookup details for the Fastly network.

Network Name	AS54113 Fastly
Network ISP	Fastly
Network Organization	Pantheon
Registry Status	Active — Allocated under ARIN
Registry Date	4 Oct 2011
Total IPv4 Addresses	208,222

Total IPv6 Addresses: 8 623 500 656 475 151 + 28

11:19 AM Saturday, November 5, 2024 10:08 PM

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72.249.92.239

72.253.6.100

73.186.124.203

73.209.213.59

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— OR —

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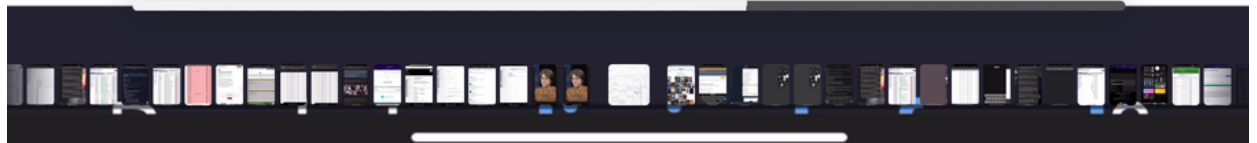
Easy API Lookups

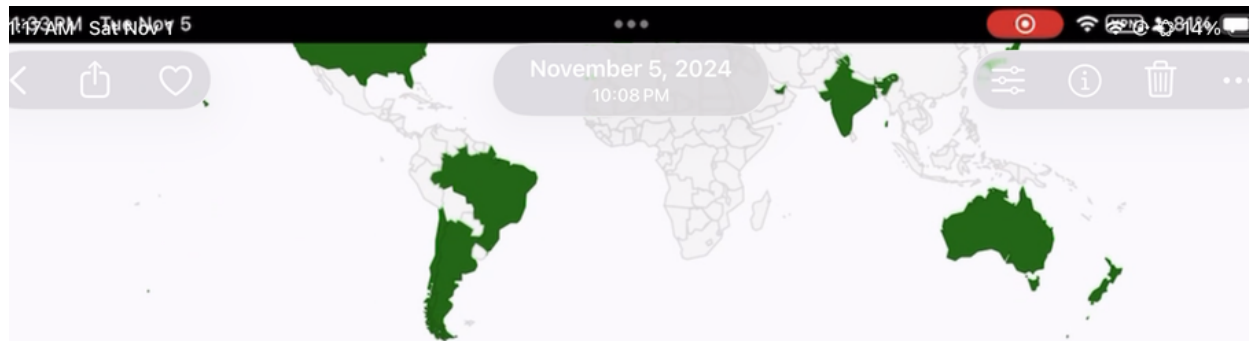


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Industry Leading Fraud Prevention





AS54113 Network Report

Lookup details for the Fastly network.

🏠 Network Name	AS54113 Fastly
🌐 Network ISP	Fastly
📋 Network Organization	Pantheon
✅ Registry Status	Active — Allocated under ARIN
📅 Registry Date	4 Oct 2011
🌐 Total IPv4 Addresses	308,323
📶 Total IPv6 Addresses	8.6235096564751E+28

🔥 Live IP Address Intelligence API

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— OR —

[Grab a Free Account »](#)

📋 AS54113 IPv4 Address Subnets

23.185.0.0/24	🇺🇸	San Francisco, California	Fastly	Pantheon
23.235.32.0/24	🇺🇸	Ashburn, Virginia	Fastly	
23.235.33.0/24	🇺🇸	Ashburn, Virginia	Fastly	
23.235.34.0/24	🇺🇸	San Jose, California	Fastly	
23.235.35.0/24	🇨🇳	Singapore, SG	Fastly	
23.235.36.0/24	🇺🇸	Newark, New Jersey	Fastly	
23.235.37.0/24	🇺🇸	Newark, New Jersey	Fastly	
23.235.38.0/24	🇺🇸	San Jose, California	Fastly	
23.235.39.0/24	🇺🇸	Atlanta, Georgia	Fastly	
23.235.40.0/24	🇺🇸	Chicago, Illinois	Fastly	

11:39 AM Saturday 5

Addresses

November 5, 2024
10:08 PM

Total IPv6 Addresses

8.6235096564751E+28

🔥

Live IP Address Intelligence API

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View API Docs »

— OR —

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AS54113 IPv4 Address Subnets

23.185.0.0/24		San Francisco, California	Fastly	Pantheon
23.235.32.0/24		Ashburn, Virginia	Fastly	
23.235.33.0/24		Ashburn, Virginia	Fastly	
23.235.34.0/24		San Jose, California	Fastly	
23.235.35.0/24		Singapore, SG	Fastly	
23.235.36.0/24		Newark, New Jersey	Fastly	
23.235.37.0/24		Newark, New Jersey	Fastly	
23.235.38.0/24		San Jose, California	Fastly	
23.235.39.0/24		Atlanta, Georgia	Fastly	
23.235.40.0/24		Chicago, Illinois	Fastly	

show more..

☰

AS54113 IPv6 Address Subnets

2620:11a:c000::/44		San Francisco, California	Fastly	
2620:11a:c010::/48		Ashburn, Virginia	Fastly	
2620:12a:8000::/44		San Francisco, California	Fastly	Pantheon
2a04:4e40::/48		Sydney, New South Wales	Fastly	Fastly, Inc
2a04:4e40:f0::/48		Sydney, New South Wales	Fastly	Fastly, Inc
2a04:4e40:200::/48		Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:210::/48		Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:220::/48		Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:230::/48		Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:240::/48		Dallas, Texas	Fastly	Fastly, Inc

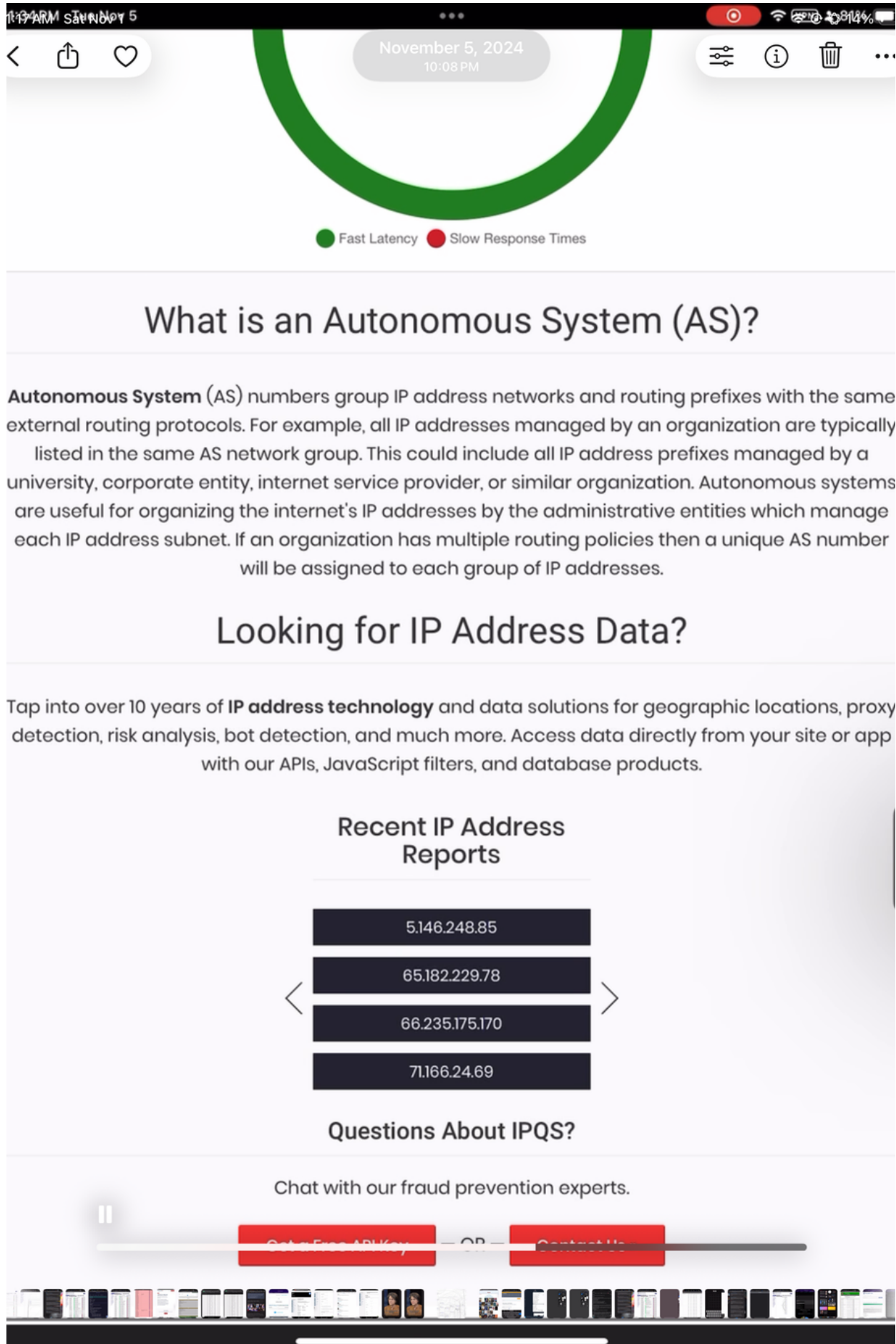
show more..

📶

Network Latency Stats

Based on testing from worldwide server locations, average response time has been rated as fast at **79.73 milliseconds**



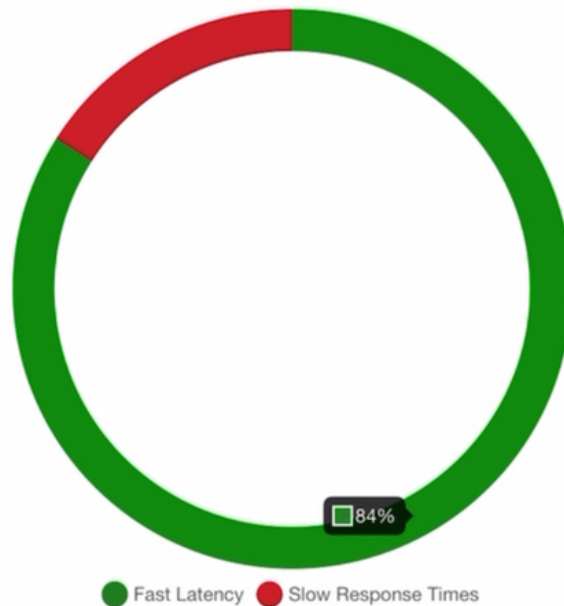


AS54113 IPv6 Address Subnets

2620:11a:c000::/44	 San Francisco, California	Fastly	
2620:11a:c010::/48	 Ashburn, Virginia	Fastly	
2620:12a:8000::/44	 San Francisco, California	Fastly	Pantheon
2a04:4e40::/48	 Sydney, New South Wales	Fastly	Fastly, Inc
2a04:4e40:f0::/48	 Sydney, New South Wales	Fastly	Fastly, Inc
2a04:4e40:200::/48	 Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:210::/48	 Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:220::/48	 Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:230::/48	 Dallas, Texas	Fastly	Fastly, Inc
2a04:4e40:240::/48	 Dallas, Texas	Fastly	Fastly, Inc
show more..			

Network Latency Stats

Based on testing from worldwide server locations, average response time has been rated as fast at **79.73 milliseconds**.



What is an Autonomous System (AS)?

Autonomous System (AS) numbers group IP address networks and routing prefixes with the same external routing protocols. For example, all IP addresses managed by an organization are typically listed in the same AS network group. This could include all IP address prefixes managed by a

university, a company, or a government. These IP addresses are used to identify the organization's network and are used to route traffic to and from the organization's network. They are also used to identify the organization's network in the global Internet routing system.

ASN 54113 - Fastly Inc.

Organization : Fastly Inc.

Total Countries Listed: 24

Total IP Ranges Listed: 81

[Argentina](#) - IP Ranges: 1

IP Range List

[Australia](#) - IP Ranges: 2

IP Range List

[Austria](#) - IP Ranges: 1

IP Range List

[Belgium](#) - IP Ranges: 1

IP Range List

[Brazil](#) - IP Ranges: 2

IP Range List

[Bulgaria](#) - IP Ranges: 2

IP Range List

[Canada](#) - IP Ranges: 4

IP Range List

[Chile](#) - IP Ranges: 1

IP Range List

[Colombia](#) - IP Ranges: 1

IP Range List

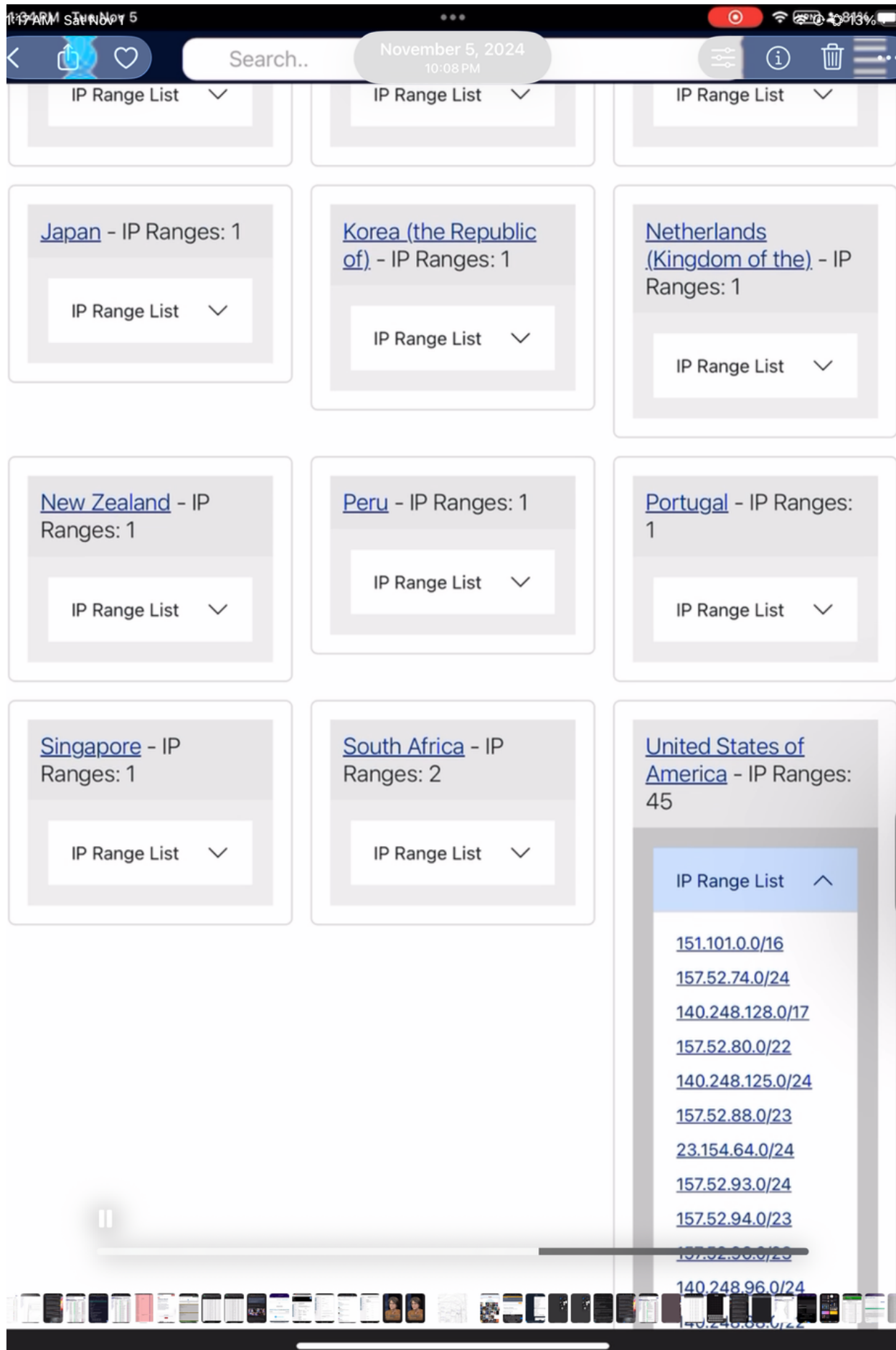
[France](#) - IP Ranges: 2

[Germany](#) - IP Ranges: 1

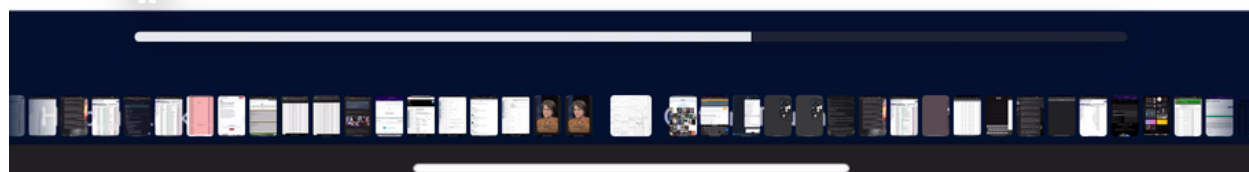
[Ghana](#) - IP Ranges: 1

Total IP Ranges Listed: 81

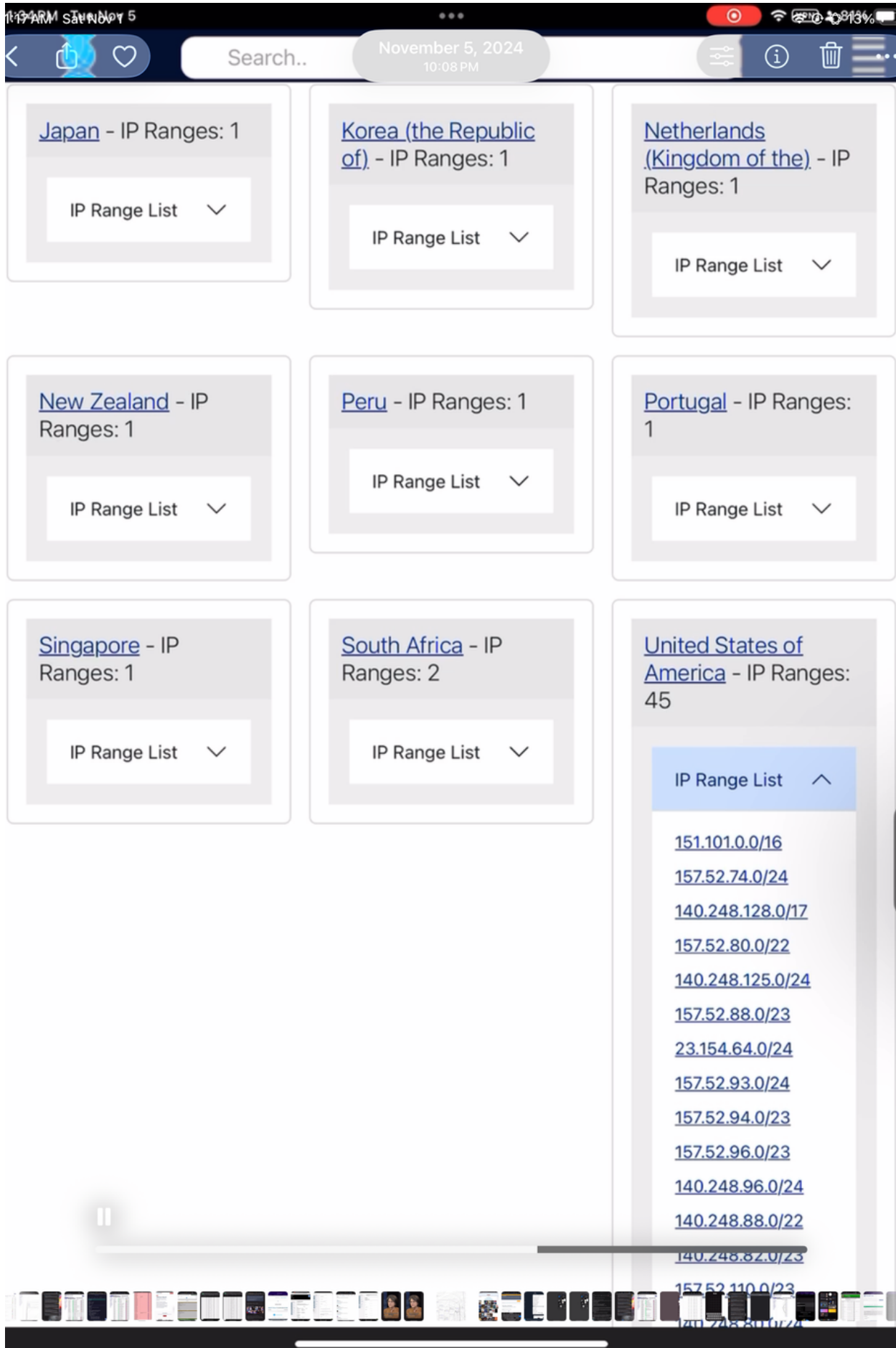
IP Range List 

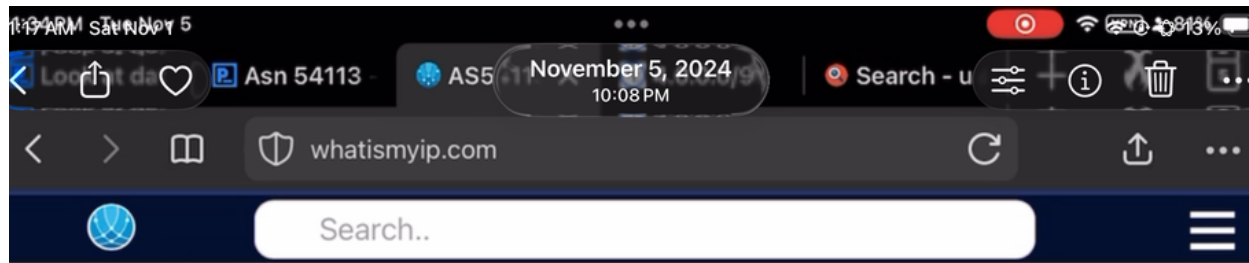


157.32.110.0/23
140.248.80.0/24
140.248.68.0/22
157.52.120.0/24
140.248.0.0/18
104.244.43.0/24
162.219.224.0/22
162.247.243.0/24
167.82.0.0/17
104.156.87.0/24
167.82.134.0/23
167.82.136.0/24
167.82.138.0/23
167.82.141.0/24
167.82.142.0/23
104.156.84.0/23
167.82.167.0/24
104.156.80.0/22
66.211.168.0/24
199.232.0.0/16
167.82.224.0/23
167.82.227.0/24
199.36.158.0/24
167.82.232.0/21
172.111.64.0/18
23.235.36.0/23
185.199.108.0/22
23.235.32.0/23
198.54.216.0/24
199.27.74.0/23
23.185.0.0/24
199.27.79.0/24



[151.101.0.0/16](#)
[157.52.74.0/24](#)
[140.248.128.0/17](#)
[157.52.80.0/22](#)
[140.248.125.0/24](#)
[157.52.88.0/23](#)
[23.154.64.0/24](#)
[157.52.93.0/24](#)
[157.52.94.0/23](#)
[157.52.96.0/23](#)
[140.248.96.0/24](#)
[140.248.88.0/22](#)
[140.248.82.0/23](#)
[157.52.110.0/23](#)
[140.248.80.0/24](#)
[140.248.68.0/22](#)
[157.52.120.0/24](#)
[140.248.0.0/18](#)
[104.244.43.0/24](#)
[162.219.224.0/22](#)
[162.247.243.0/24](#)
[167.82.0.0/17](#)
[104.156.87.0/24](#)
[167.82.134.0/23](#)
[167.82.136.0/24](#)
[167.82.138.0/23](#)
[167.82.141.0/24](#)
[167.82.142.0/23](#)
[104.156.84.0/23](#)
[167.82.167.0/24](#)
[104.156.80.0/22](#)
[66.211.168.0/24](#)
[199.232.0.0/16](#)
[167.82.224.0/23](#)
[167.82.227.0/24](#)
[199.36.158.0/24](#)
[167.82.232.0/21](#)





AS54113 162.219.224.0/22 CIDR and IP Range Summary.

ASN: [54113](#) - Fastly Inc.

Host Count: 1022

Addressable IPs: 1024

[162.219.224.0/24](#)

[162.219.225.0/24](#)

[162.219.226.0/24](#)

[162.219.227.0/24](#)

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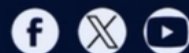
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Languages

[What Is My IP in English](#)

[Cuál es mi IP en Español](#)

[Qual è il Mio IP in Italiano](#)

[Quel Est Mon IP en Français](#)

[Wie Ist Meine IP in Deutsch](#)

Get IP Geolocation service from

[IP2Location.com](#).

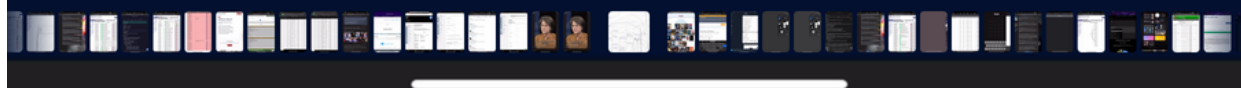
[ipdata.co](#) also offers geolocation services.

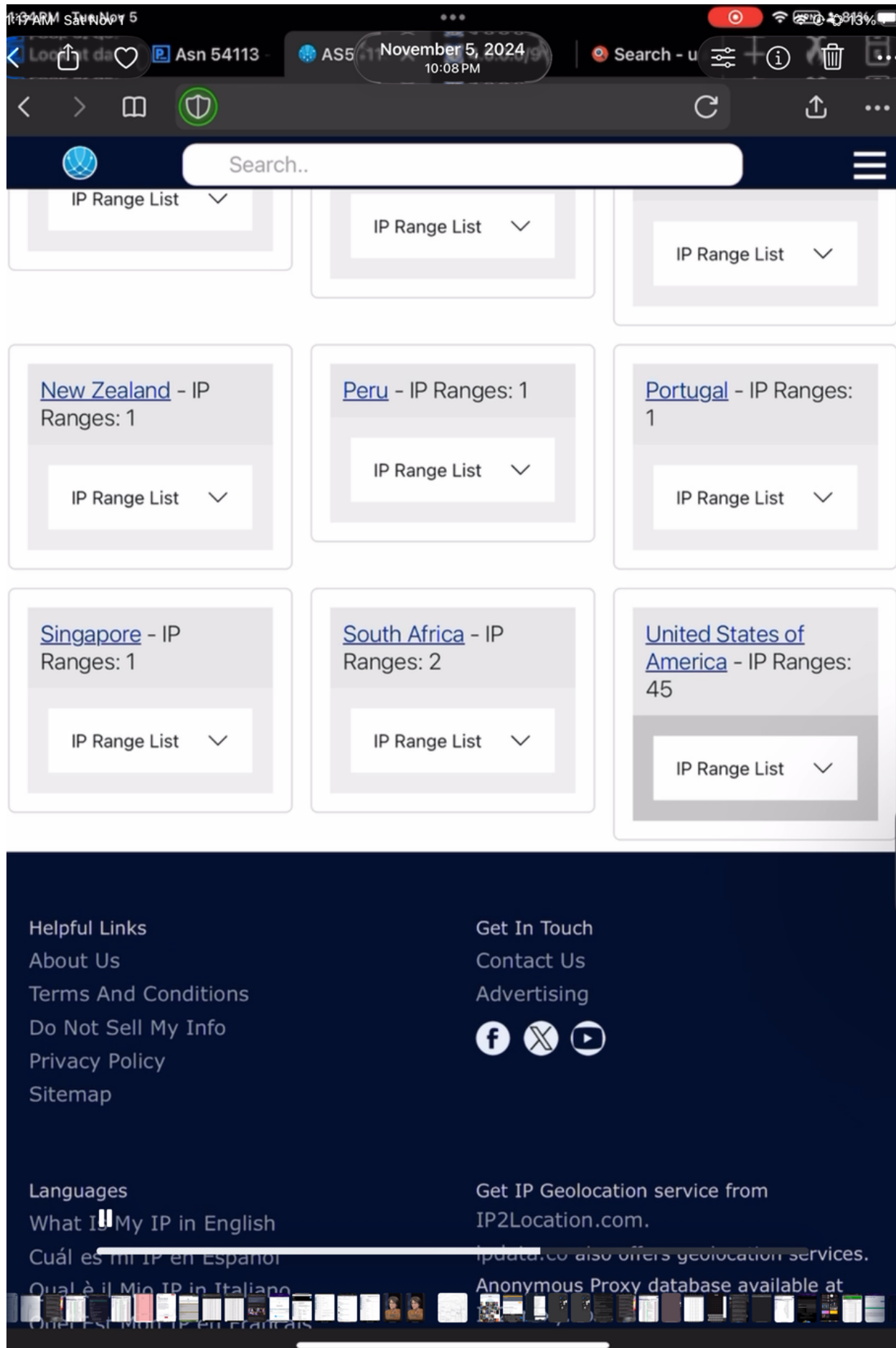
Anonymous Proxy database available at
[IP2Proxy.com](#)

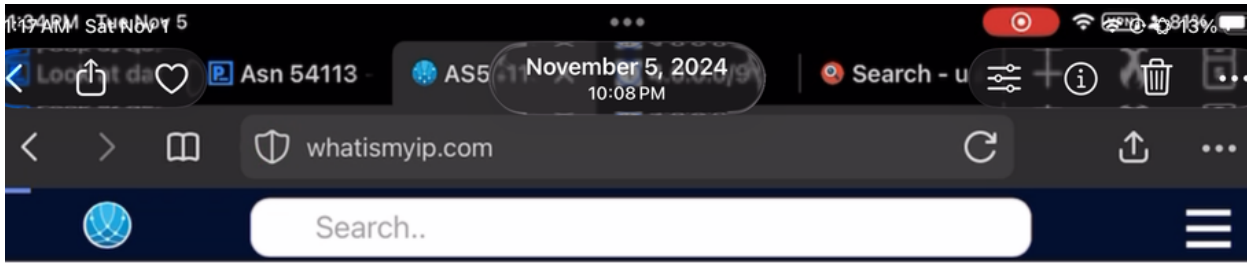
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AS54113 162.219.224.0/24 CIDR and IP Range Summary.

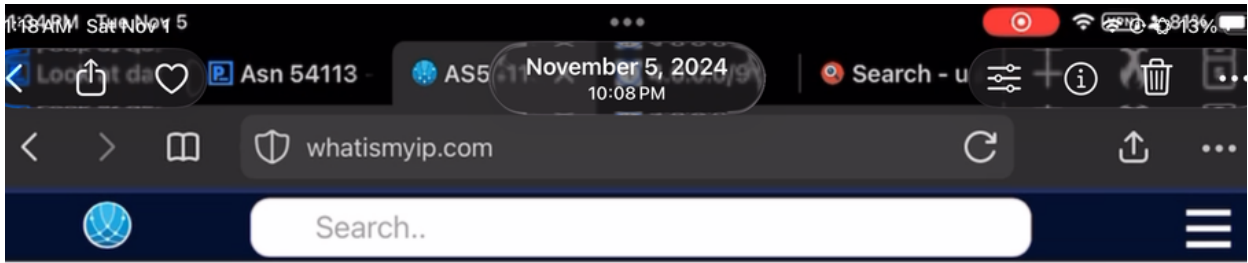
ASN: [54113](#) - Fastly Inc.

Host Count: 254

Addressable IPs: 256

162.219.224.0	162.219.224.1	162.219.224.2	162.219.224.3
162.219.224.4	162.219.224.5	162.219.224.6	162.219.224.7
162.219.224.8	162.219.224.9	162.219.224.10	162.219.224.11
162.219.224.12	162.219.224.13	162.219.224.14	162.219.224.15
162.219.224.16	162.219.224.17	162.219.224.18	162.219.224.19
162.219.224.20	162.219.224.21	162.219.224.22	162.219.224.23
162.219.224.24	162.219.224.25	162.219.224.26	162.219.224.27
162.219.224.28	162.219.224.29	162.219.224.30	162.219.224.31
162.219.224.32	162.219.224.33	162.219.224.34	162.219.224.35
162.219.224.36	162.219.224.37	162.219.224.38	162.219.224.39
162.219.224.40	162.219.224.41	162.219.224.42	162.219.224.43
162.219.224.44	162.219.224.45	162.219.224.46	162.219.224.47
162.219.224.48	162.219.224.49	162.219.224.50	162.219.224.51
162.219.224.52	162.219.224.53	162.219.224.54	162.219.224.55
162.219.224.56	162.219.224.57	162.219.224.58	162.219.224.59
162.219.224.60	162.219.224.61	162.219.224.62	162.219.224.63
162.219.224.64	162.219.224.65	162.219.224.66	162.219.224.67





AS54113 140.248.125.0/24 CIDR and IP Range Summary.

ASN: [54113](#) - Fastly Inc.

Host Count: 254

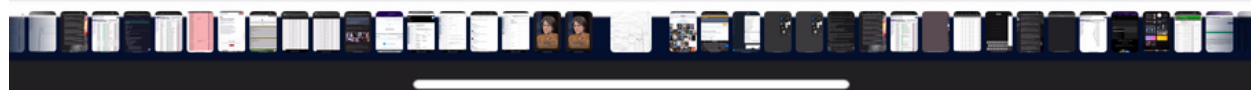
Addressable IPs: 256

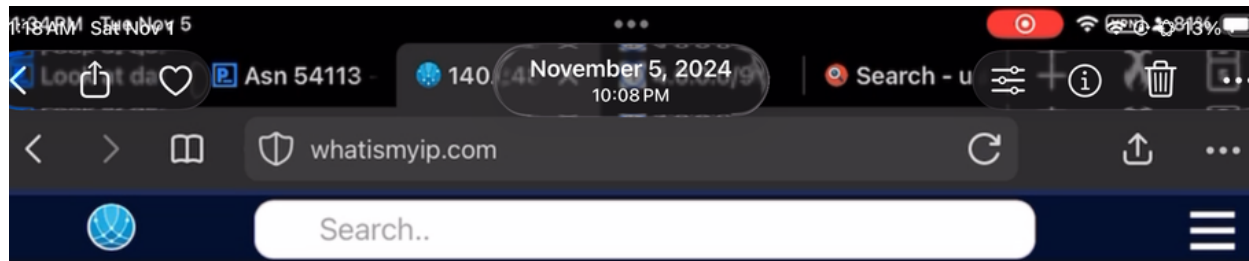
140.248.125.0	140.248.125.1	140.248.125.2	140.248.125.3
140.248.125.4	140.248.125.5	140.248.125.6	140.248.125.7
140.248.125.8	140.248.125.9	140.248.125.10	140.248.125.11
140.248.125.12	140.248.125.13	140.248.125.14	140.248.125.15
140.248.125.16	140.248.125.17	140.248.125.18	140.248.125.19
140.248.125.20	140.248.125.21	140.248.125.22	140.248.125.23
140.248.125.24	140.248.125.25	140.248.125.26	140.248.125.27
140.248.125.28	140.248.125.29	140.248.125.30	140.248.125.31
140.248.125.32	140.248.125.33	140.248.125.34	140.248.125.35
140.248.125.36	140.248.125.37	140.248.125.38	140.248.125.39
140.248.125.40	140.248.125.41	140.248.125.42	140.248.125.43
140.248.125.44	140.248.125.45	140.248.125.46	140.248.125.47
140.248.125.48	140.248.125.49	140.248.125.50	140.248.125.51
140.248.125.52	140.248.125.53	140.248.125.54	140.248.125.55
140.248.125.56	140.248.125.57	140.248.125.58	140.248.125.59
140.248.125.60	140.248.125.61	140.248.125.62	140.248.125.63
140.248.125.64	140.248.125.65	140.248.125.66	140.248.125.67



140.248.125.0	140.248.125.1	140.248.125.2	140.248.125.3
140.248.125.4	140.248.125.5	140.248.125.6	140.248.125.7
140.248.125.8	140.248.125.9	140.248.125.10	140.248.125.11
140.248.125.12	140.248.125.13	140.248.125.14	140.248.125.15
140.248.125.16	140.248.125.17	140.248.125.18	140.248.125.19
140.248.125.20	140.248.125.21	140.248.125.22	140.248.125.23
140.248.125.24	140.248.125.25	140.248.125.26	140.248.125.27
140.248.125.28	140.248.125.29	140.248.125.30	140.248.125.31
140.248.125.32	140.248.125.33	140.248.125.34	140.248.125.35
140.248.125.36	140.248.125.37	140.248.125.38	140.248.125.39
140.248.125.40	140.248.125.41	140.248.125.42	140.248.125.43
140.248.125.44	140.248.125.45	140.248.125.46	140.248.125.47
140.248.125.48	140.248.125.49	140.248.125.50	140.248.125.51
140.248.125.52	140.248.125.53	140.248.125.54	140.248.125.55
140.248.125.56	140.248.125.57	140.248.125.58	140.248.125.59
140.248.125.60	140.248.125.61	140.248.125.62	140.248.125.63
140.248.125.64	140.248.125.65	140.248.125.66	140.248.125.67
140.248.125.68	140.248.125.69	140.248.125.70	140.248.125.71
140.248.125.72	140.248.125.73	140.248.125.74	140.248.125.75
140.248.125.76	140.248.125.77	140.248.125.78	140.248.125.79
140.248.125.80	140.248.125.81	140.248.125.82	140.248.125.83
140.248.125.84	140.248.125.85	140.248.125.86	140.248.125.87
140.248.125.88	140.248.125.89	140.248.125.90	140.248.125.91
140.248.125.92	140.248.125.93	140.248.125.94	140.248.125.95
140.248.125.96	140.248.125.97	140.248.125.98	140.248.125.99

140.248.125.152	140.248.125.153	140.248.125.154	140.248.125.155
140.248.125.156	140.248.125.157	140.248.125.158	140.248.125.159
140.248.125.160	140.248.125.161	140.248.125.162	140.248.125.163
140.248.125.164	140.248.125.165	140.248.125.166	140.248.125.167
140.248.125.168	140.248.125.169	140.248.125.170	140.248.125.171
140.248.125.172	140.248.125.173	140.248.125.174	140.248.125.175
140.248.125.176	140.248.125.177	140.248.125.178	140.248.125.179
140.248.125.180	140.248.125.181	140.248.125.182	140.248.125.183
140.248.125.184	140.248.125.185	140.248.125.186	140.248.125.187
140.248.125.188	140.248.125.189	140.248.125.190	140.248.125.191
140.248.125.192	140.248.125.193	140.248.125.194	140.248.125.195
140.248.125.196	140.248.125.197	140.248.125.198	140.248.125.199
140.248.125.200	140.248.125.201	140.248.125.202	140.248.125.203
140.248.125.204	140.248.125.205	140.248.125.206	140.248.125.207
140.248.125.208	140.248.125.209	140.248.125.210	140.248.125.211
140.248.125.212	140.248.125.213	140.248.125.214	140.248.125.215
140.248.125.216	140.248.125.217	140.248.125.218	140.248.125.219
140.248.125.220	140.248.125.221	140.248.125.222	140.248.125.223
140.248.125.224	140.248.125.225	140.248.125.226	140.248.125.227
140.248.125.228	140.248.125.229	140.248.125.230	140.248.125.231
140.248.125.232	140.248.125.233	140.248.125.234	140.248.125.235
140.248.125.236	140.248.125.237	140.248.125.238	140.248.125.239
140.248.125.240	140.248.125.241	140.248.125.242	140.248.125.243
140.248.125.244	140.248.125.245	140.248.125.246	140.248.125.247
140.248.125.248	140.248.125.249	140.248.125.250	140.248.125.251
140.248.125.252	140.248.125.253	140.248.125.254	140.248.125.255





140.248.125.191 IP Address Summary

IP Address Location Information for 140.248.125.191



City: San Francisco

State: California

Country: United States of America

Postal Code: 94107

Time Zone: -07:00

Host Info for 140.248.125.191



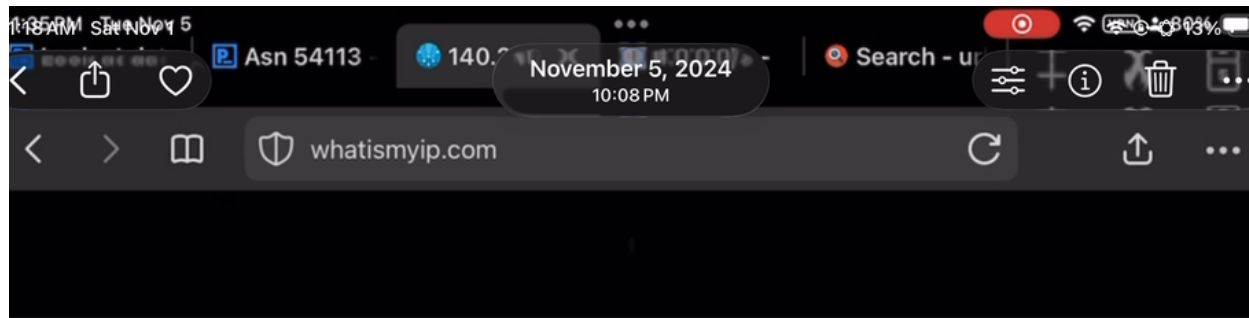
ISP: Fastly Inc.

Domain: fastly.com

Network Speed: T1

Proxy Information for 140.248.125.191





140.248.125.191 IP Address Summary

IP Address Location Information for 140.248.125.191



City: San Francisco

State: California

Country: United States of America

Postal Code: 94107

Time Zone: -07:00

Host Info for 140.248.125.191



ISP: Fastly Inc.

Domain: fastly.com

Network Speed: T1



IP Address Location Information for 140.248.125.191

City: San Francisco

State: California

Country: United States of America

Postal Code: 94107

Time Zone: -07:00

Host Info for 140.248.125.191

ISP: Fastly Inc.

Domain: fastly.com

Network Speed: T1

Proxy Information for 140.248.125.191

Known Proxy: yes

Proxy Type: DCH

[140.248.92.0/22](#) [140.248.96.0/19](#) [140.248.128.0/17](#)

ASN Information for 140.248.125.191

ASN: [54113](#)

Organization: Fastly Inc.

ASN IP Range: [140.248.125.0/24](#)



Copy All IP Results

Print All IP Results

11:34 AM Sunday, November 5

Search..November 5, 202410:08 PM

Country: United States of America

Postal Code: 94107

Time Zone: -07:00

Host Info for 140.248.125.191

ISP: Fastly Inc.

Domain: fastly.com

Network Speed: T1

Proxy Information for 140.248.125.191

Known Proxy: yes

Proxy Type: DCH

[140.248.92.0/22](#) [140.248.96.0/19](#) [140.248.128.0/17](#)

ASN Information for 140.248.125.191

ASN: [54113](#)

Organization: Fastly Inc.

ASN IP Range: [140.248.125.0/24](#)

Copy All IP Results

Print All IP Results

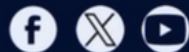
[167.82.142.0/23](#)
[104.156.84.0/23](#)
[167.82.167.0/24](#)
[104.156.80.0/22](#)
[66.211.168.0/24](#)
[199.232.0.0/16](#)
[167.82.224.0/23](#)
[167.82.227.0/24](#)
[199.36.158.0/24](#)
[167.82.232.0/21](#)
[172.111.64.0/18](#)
[23.235.36.0/23](#)
[185.199.108.0/22](#)
[23.235.32.0/23](#)
[198.54.216.0/24](#)
[199.27.74.0/23](#)
[23.185.0.0/24](#)
[199.27.79.0/24](#)

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[Sitemap](#)

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Languages

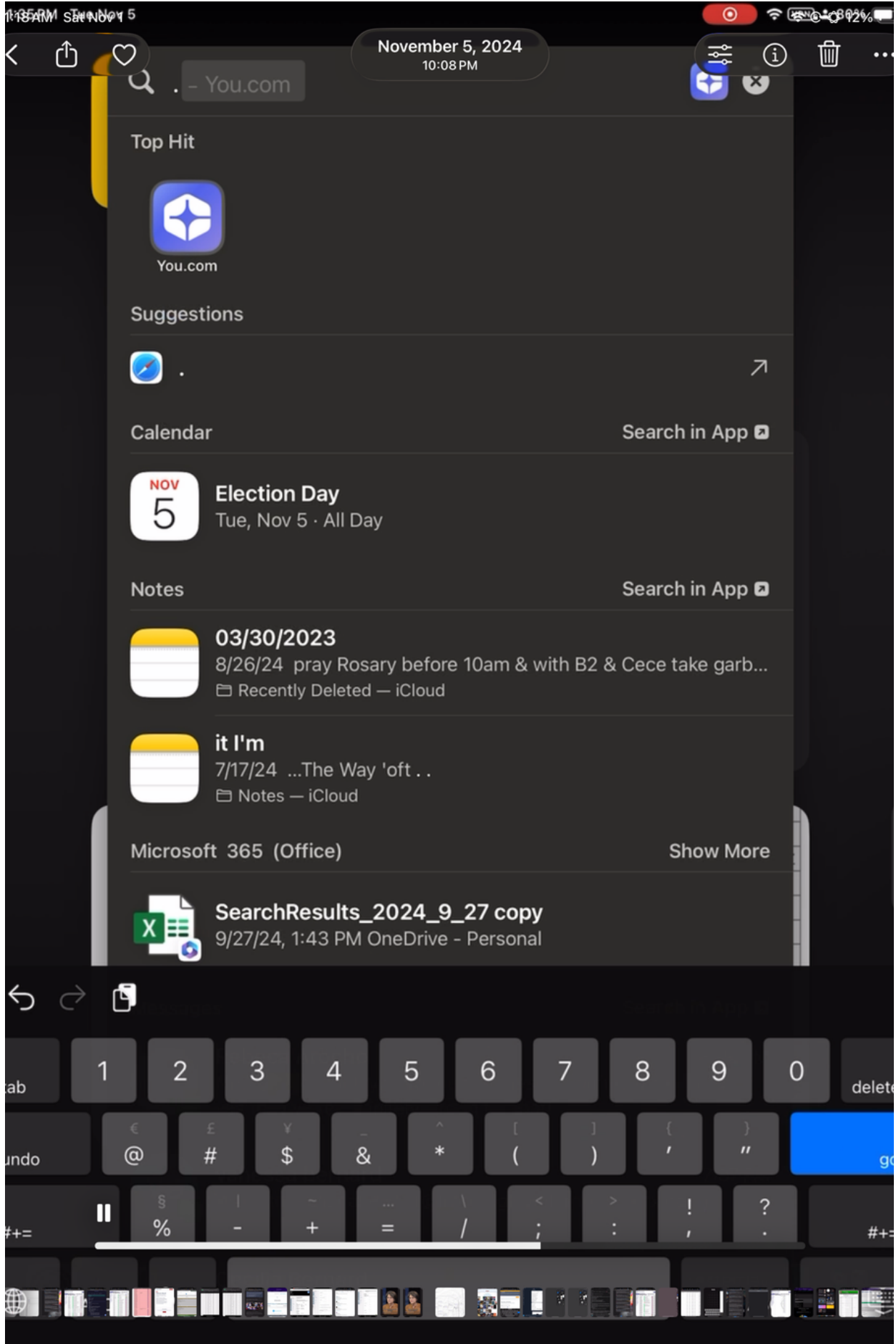
[What Is My IP in English](#)
[Cuál es mi IP en Español](#)
[Qual è il Mio IP in Italiano](#)
[Quel Est Mon IP en Français](#)
[Wie Ist Meine IP in Deutsch](#)

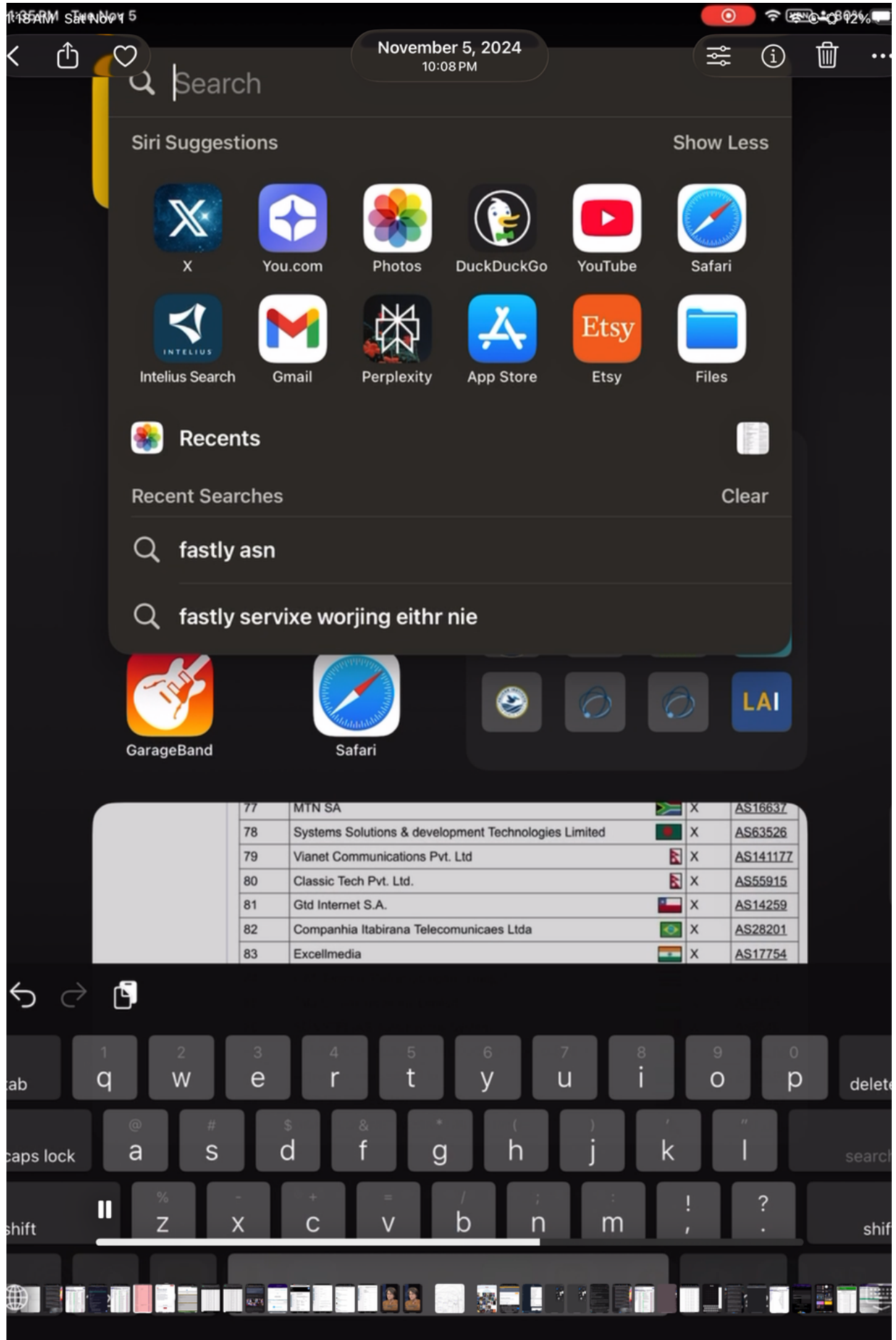
Get IP Geolocation service from
[IP2Location.com](#).

[ipdata.co](#) also offers geolocation services.
Anonymous Proxy database available at
[IP2Proxy.com](#)

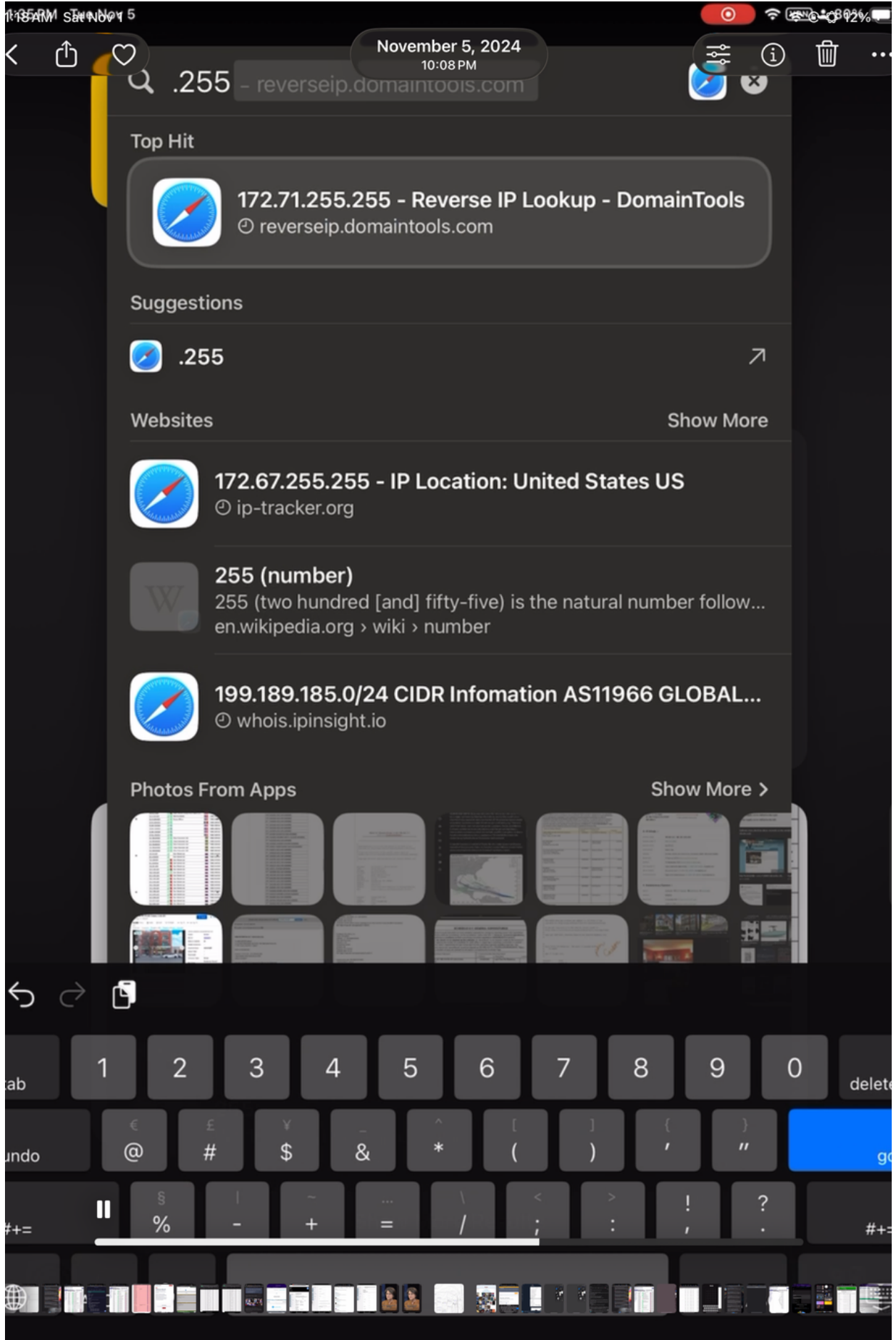
All trademarks and registered trademarks
are the property of their respective

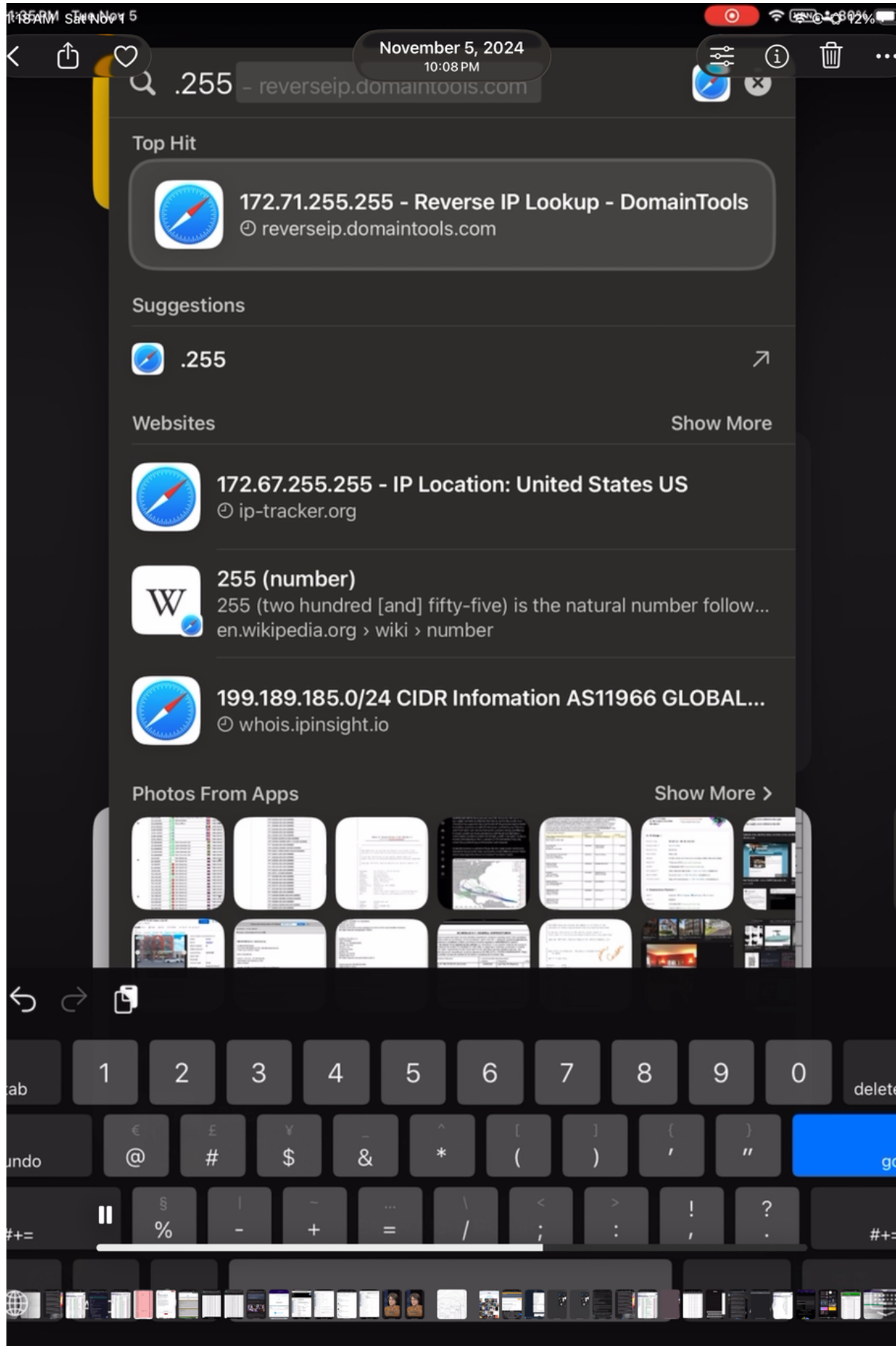






77	MTN SA		X	AS16637
78	Systems Solutions & development Technologies Limited		X	AS63526
79	Vianet Communications Pvt. Ltd		X	AS141177
80	Classic Tech Pvt. Ltd.		X	AS55915
81	Gtd Internet S.A.		X	AS14259
82	Companhia Itabirana Telecomunicaes Ltda		X	AS28201
83	Excellmedia		X	AS17754





11:58 AM Sunday, November 5, 2024 10:08 PM

Asn 54113 AS5 Search - u

whatismyip.com

Search..

140.248.125.156	140.248.125.157	140.248.125.158	140.248.125.159
140.248.125.160	140.248.125.161	140.248.125.162	140.248.125.163
140.248.125.164	140.248.125.165	140.248.125.166	140.248.125.167
140.248.125.168	140.248.125.169	140.248.125.170	140.248.125.171
140.248.125.172	140.248.125.173	140.248.125.174	140.248.125.175
140.248.125.176	140.248.125.177	140.248.125.178	140.248.125.179
140.248.125.180	140.248.125.181	140.248.125.182	140.248.125.183
140.248.125.184	140.248.125.185	140.248.125.186	140.248.125.187
140.248.125.188	140.248.125.189	140.248.125.190	140.248.125.191
140.248.125.192	140.248.125.193	140.248.125.194	140.248.125.195
140.248.125.196	140.248.125.197	140.248.125.198	140.248.125.199
140.248.125.200	140.248.125.201	140.248.125.202	140.248.125.203
140.248.125.204	140.248.125.205	140.248.125.206	140.248.125.207
140.248.125.208	140.248.125.209	140.248.125.210	140.248.125.211
140.248.125.212	140.248.125.213	140.248.125.214	140.248.125.215
140.248.125.216	140.248.125.217	140.248.125.218	140.248.125.219
140.248.125.220	140.248.125.221	140.248.125.222	140.248.125.223
140.248.125.224	140.248.125.225	140.248.125.226	140.248.125.227
140.248.125.228	140.248.125.229	140.248.125.230	140.248.125.231
140.248.125.232	140.248.125.233	140.248.125.234	140.248.125.235
140.248.125.236	140.248.125.237	140.248.125.238	140.248.125.239
140.248.125.240	140.248.125.241	140.248.125.242	140.248.125.243
140.248.125.244	140.248.125.245	140.248.125.246	140.248.125.247
140.248.125.248	140.248.125.249	140.248.125.250	140.248.125.251



< ⌵ .255

Websites

Show More



172.67.255.255 - IP Location: United States US

🕒 ip-tracker.org



255 (number)

255 (two hundred [and] fifty-five) is the natural number follow...
en.wikipedia.org › wiki › number

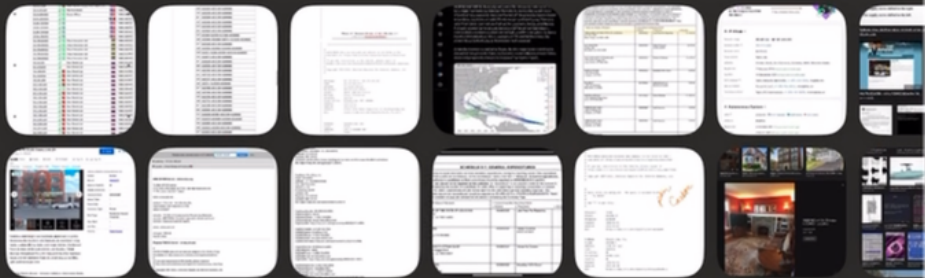


199.189.185.0/24 CIDR Infomation AS11966 GLOBAL...

🕒 whois.ipinsight.io

Photos From Apps

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Music



255

World · Artist on Apple Music

Show More Results

Search in Apps



Search Notes



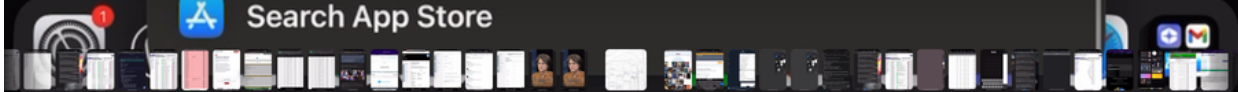
Search Files

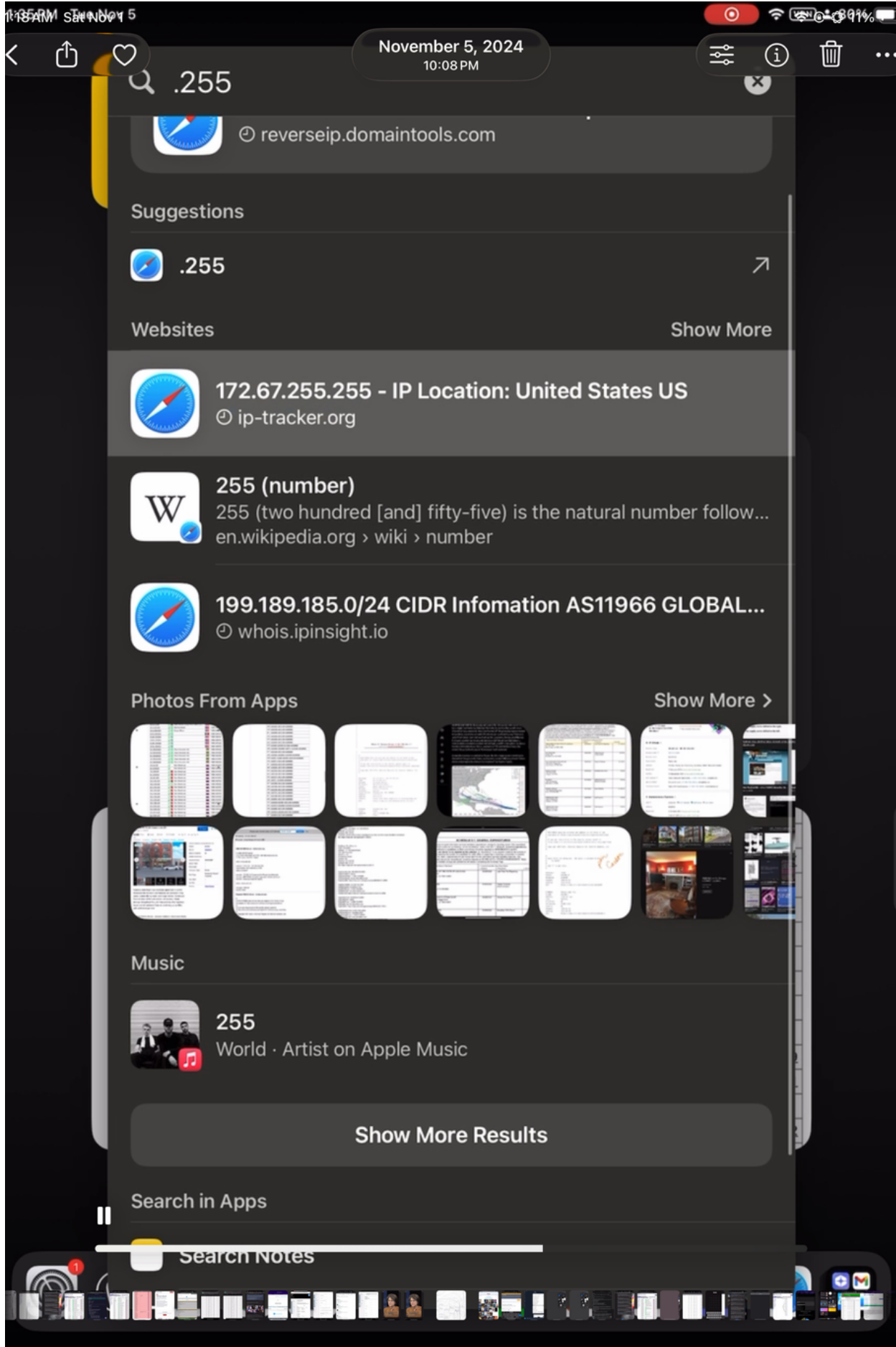


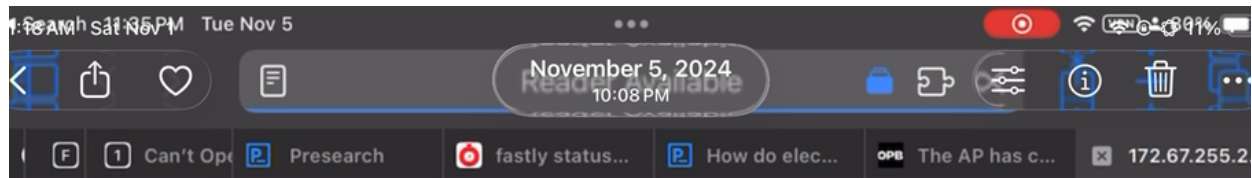
Search Messages



Search App Store







P Tracker

lookup, Trace, Track, Find IP Location with IP tracking technology and IP tracer tool from IP-Tracker.org

P Location Information for 172.67.255.255

172.67.255.255 is an Public IPv4 address, which is located and tracked as an IP with a US country code (ASN: AS13335 CLOUDFLARENET), at latitude 37.751 and longitude -97.822, in the [United States](#).

IP 172.67.255.255, classified as a Class B, belonging to the organization 'CLOUDFLARENET', is actually a public IP address from United States (US) in North America, as we mentioned above.

however, did you know that the top 5 countries in North America by issued IPv4 and IPv6 addresses are the [United States](#), [Canada](#), [Mexico](#), [Costa Rica](#) and [Panama](#).

regarding the quantity of issued IPv4 addresses, the United States is the first in North America, as well as the first in the world with a percentage of 43.7% of the total number of issued IPv4 addresses, while Canada is second in North America and eighth in the world with a share of 1.9% of the total issued IPv4 addresses.

Considering the number of issued IPv6 addresses, the United States is the first in North America, as well as in the world, while Canada is second in North America and thirty-eighth in the world.

The final issuing of IPv4 addresses per country has been completed, so it will no longer be possible to issue more IPv4 blocks at the country level. The future belongs to IPv6 addresses, which will be increasingly implemented and used in the future.

Although we aim for accuracy in location data and other details for each IP or website query, 100% precision cannot be guaranteed.

Finding Information & Tracking IP 172.67.255.255

Whether you need detailed information on an IPv4 or IPv6 address, or domain, along with a visual display of the traced geolocation in a map, our advice is to always check your results through our [Whois Lookup tool](#) that will reveal a lot of information about the internet service provider (ISP) and the organization behind the requested IP including the email address, phone number, and the exact physical address of the ISP or organization that owns the IP range in which the requested IP is located.

The IP address 172.67.255.255 and its hostname 172.67.255.255 may tell you more than you'd imagine!

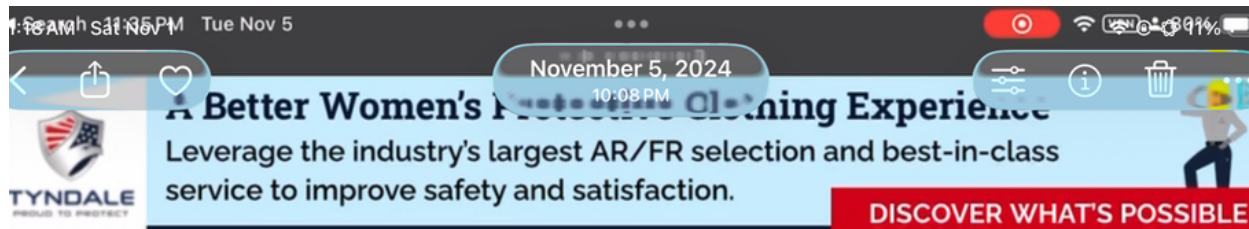
When conducting your investigation, consider the IP city and postal/zip codes as crucial pieces of information, as they can provide valuable insights that can also be visualized on a map.

Keep in mind that if you want to find the exact physical geolocation of your own device (note that this method requires your explicit permission), you can check out: [IP Geolocation](#)

Enter an IP or Domain to search its location and additional information.

172.67.255.255





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The IP address 172.67.255.255 and its hostname 172.67.255.255 may tell you more than you'd imagine!

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Enter an IP or Domain to search its location and additional information.

172.67.255.255

IP Lookup

Search owner of a phone number

Enter Area Code: -

Powered By
 BeenVerified

IP Address Conversions for 172.67.255.255

Tracking Information

IP Octal: 25420777777

IP Address: 172.67.255.255

IP Base64: rEP//w==

Network Address: 172.67.255.255

11:56 AM Sat Nov 5 Tue Nov 5
November 5, 2024 10:08 PM
A Better Women's Protection Cleaning Experience
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DISCOVER WHAT'S POSSIBLE
mind that if you want to find the exact physical geolocation of your own device (note that this method requires you permission), you can check out: [IP Geolocation](#)

Enter an IP or Domain to search its location and additional information.

172.67.255.255

IP Lookup

Search owner of a phone number

Enter Area Code:

SEARCH

Powered By
BeenVerified

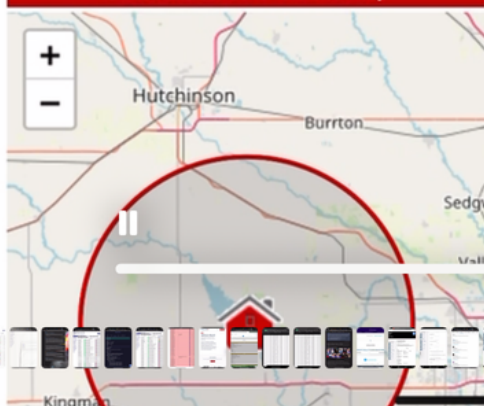
IP Address Conversions for 172.67.255.255

IP Octal: [2542077777](#)
IP DWORD: [2890137599](#)
IP Base64: rEP//w==
IP Decimal: [2890137599](#)
IP Binary: 101011000100001111111111111111
IP Hex: ac43ffff
IP Integer: [2890137599](#)
IP Subnet Mask: 255.255.255.255

Tracking Information

IP Address: 172.67.255.255
Hostname: 172.67.255.255 (Not set. Same as IP address above)
Network Address: 0.0.0.0
Broadcast Address: 255.255.255.255
Exact CIDR: 172.67.255.255/32
Class-Based CIDR: 172.67.255.255/16
Reverse DNS: ** server can't find 255.255.67.172.in-addr.arpa: SERVFAIL

Geolocation of IP on the Map



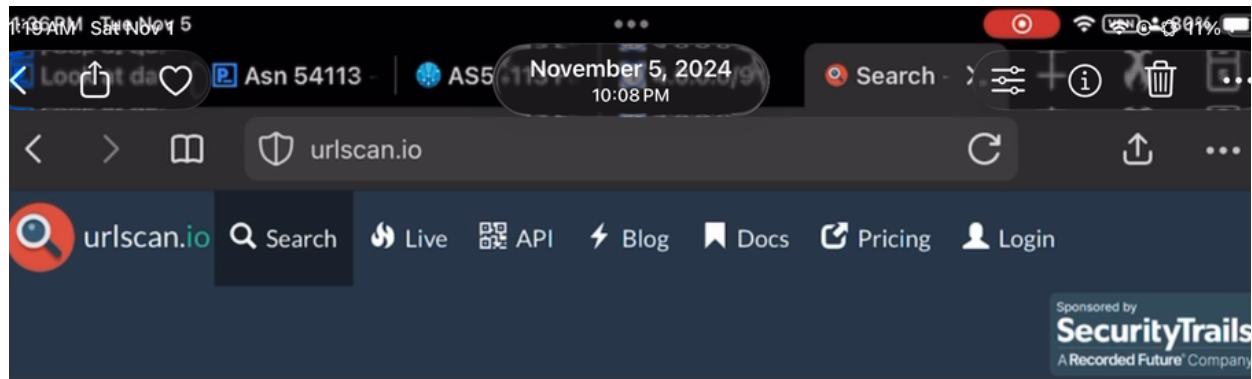
IP Classification

Internet Protocol: IPv4 - IP Version 4
Types: Public
IP Classes: Class B Range (128.0.0.0 to 191.255.255.255)

Security & Privacy

Blacklist Check: **Blacklisted. Active in Spam 0 days ago**
([Blacklist Check](#))

TOR (The Onion Router) Network: Not detected in TOR exit node list



Search for domains, IPs, filenames, hashes, ASNs

Search

X

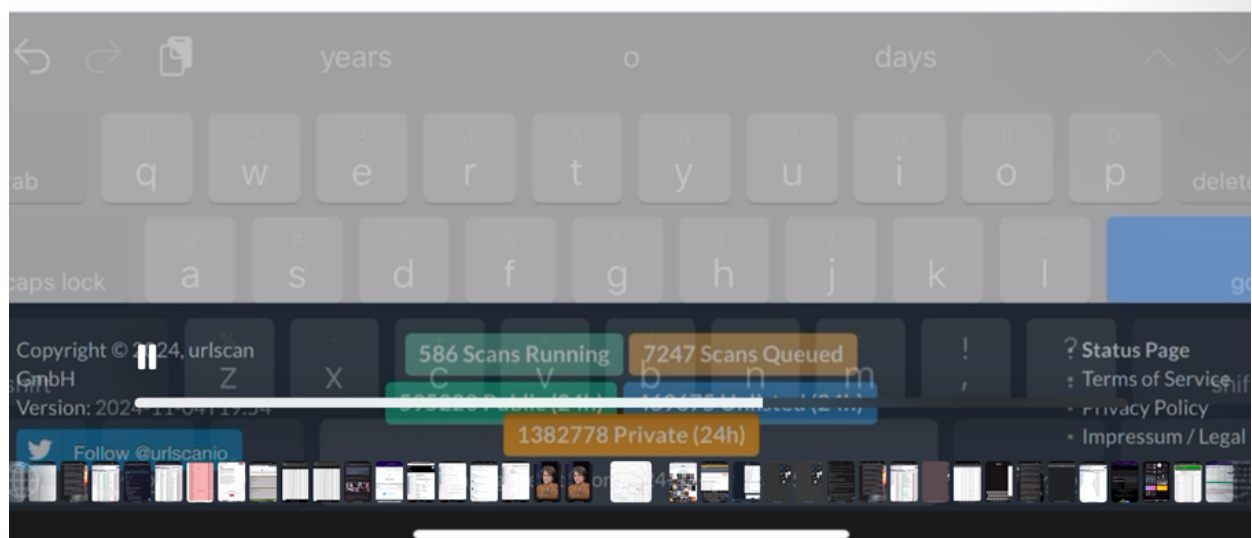
Help

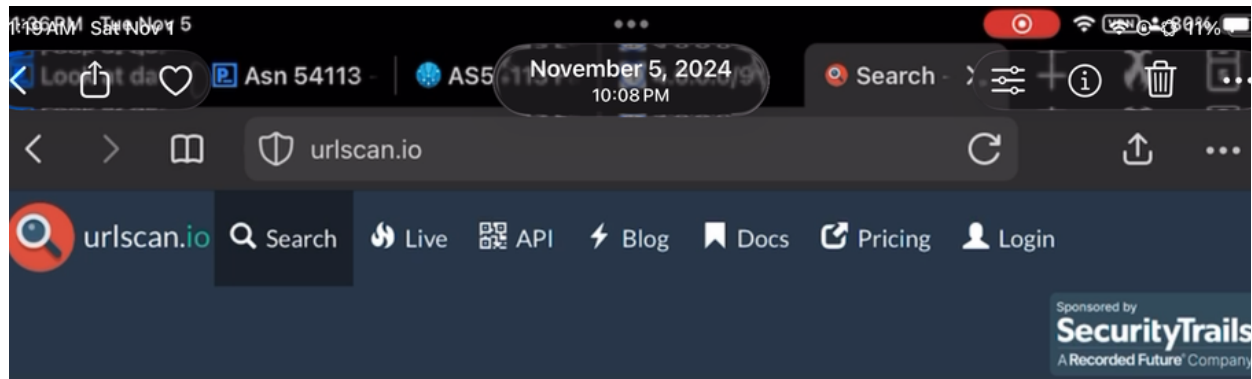
Search results (0/0)

[Collapsed by Hostname](#) [Details: Hidden](#)

URL	Age	Size	IPs	
-----	-----	------	-----	--

(0 results in total, 0 shown)





Search for domains, IPs, filenames, hashes, ASNs

172.67.255.255

Search

X

Help

Search results (1 / 1)

Collapsed by Hostname

Details: Hidden

URL	Age	Size	IPs	Flags	Home
172.67.255.255	Public 3 years	2	1	0	

(1 results in total, 1 shown)

Enter an IP or Domain to search its location and additional information.

172.67.255.255

IP Lookup

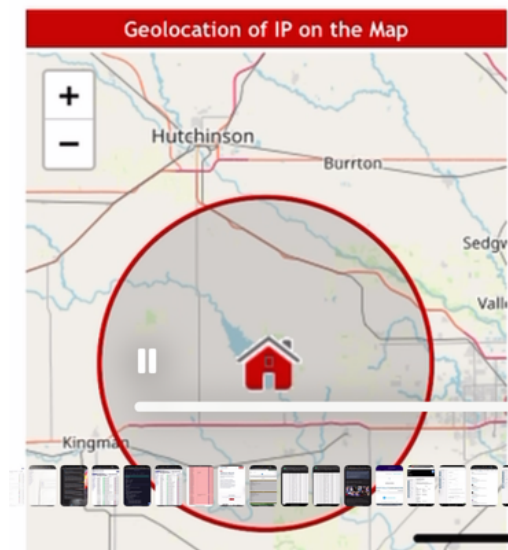
Search owner of a phone number

Enter Area Code: () - SEARCH

Powered By BeenVerified

IP Address Conversions for 172.67.255.255

IP Octal:	2542077777
IP DWORD:	2890137599
IP Base64:	rEP//w==
IP Decimal:	2890137599
IP Binary:	101011000100001111111111111111
IP Hex:	ac43ffff
IP Integer:	2890137599
IP Subnet Mask:	255.255.255.255



172.67.255.255 Tracking Information

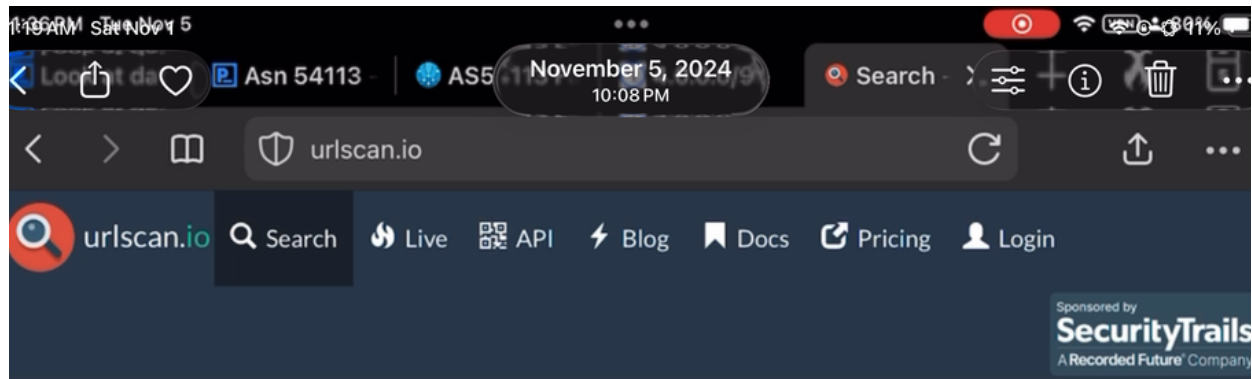
IP Address:	172.67.255.255
Hostname:	172.67.255.255 (Not set. Same as IP address above)
Network Address:	0.0.0.0
Broadcast Address:	255.255.255.255
Exact CIDR:	172.67.255.255/32
Class-Based CIDR:	172.67.255.255/16
Reverse DNS:	** server can't find 255.255.67.172.in-addr.arpa: SERVFAIL

IP Classification

Internet Protocol:	IPv4 - IP Version 4
Types:	Public
IP Classes:	Class B Range (128.0.0.0 to 191.255.255.255)

Security & Privacy

Blacklist Check:	Blacklisted. Active in Spam 0 days ago [Blacklist Check]
TOR (The Onion Router) Network:	Not detected in TOR exit nodes list



Search for domains, IPs, filenames, hashes, ASNs

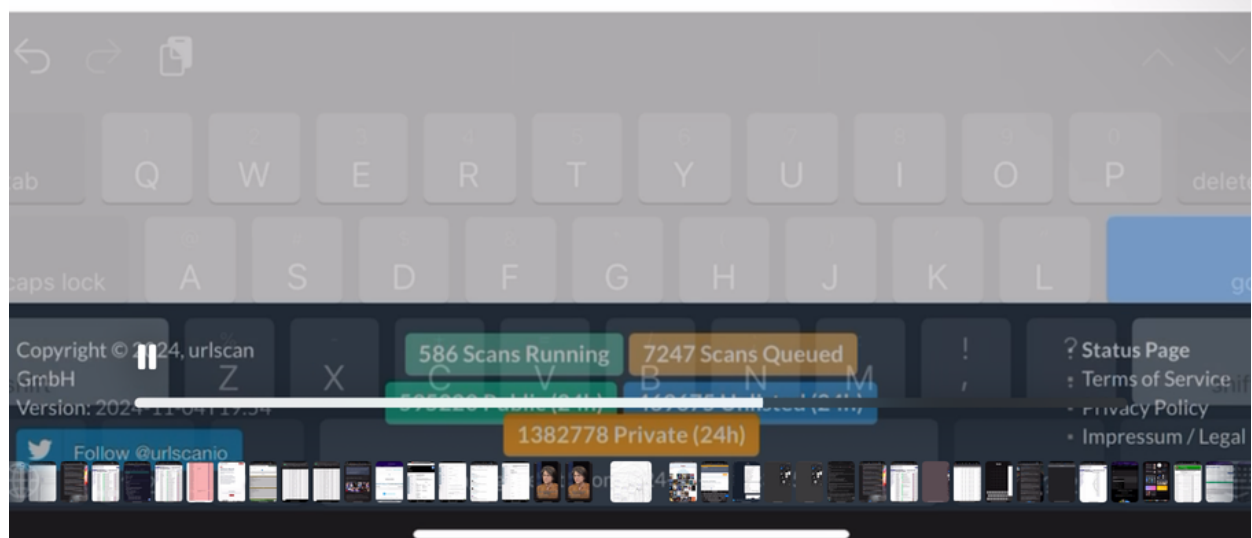
Search results Loading ...

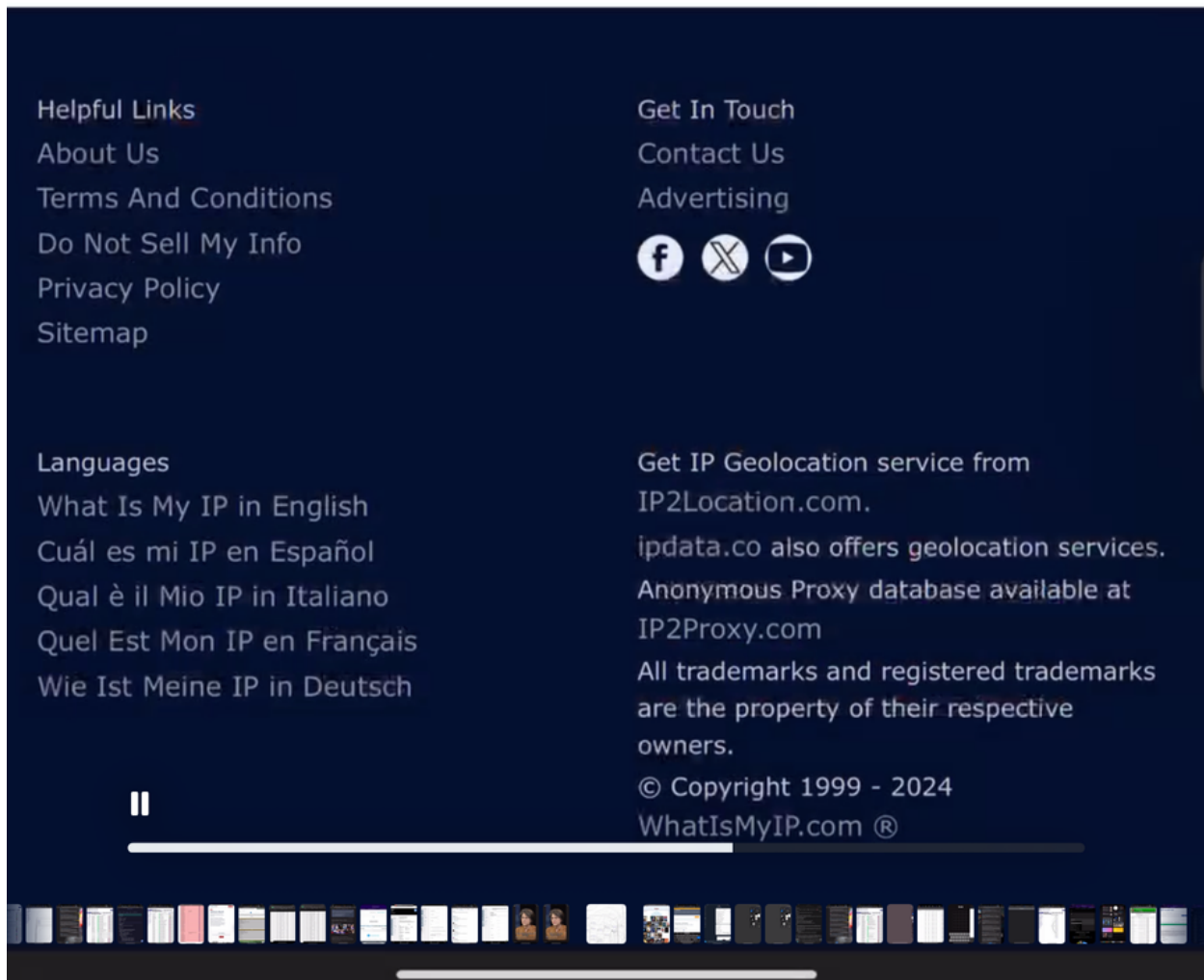
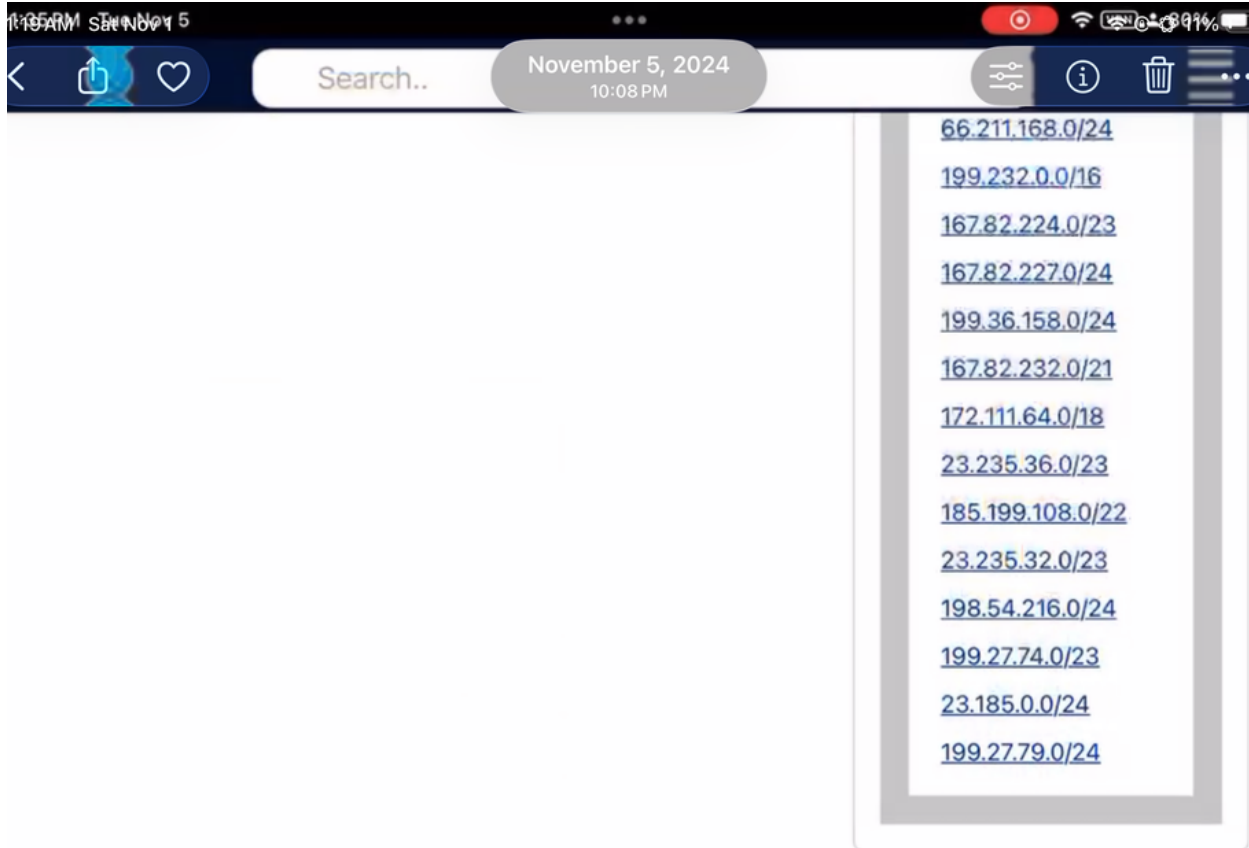
Collapsed by Hostname

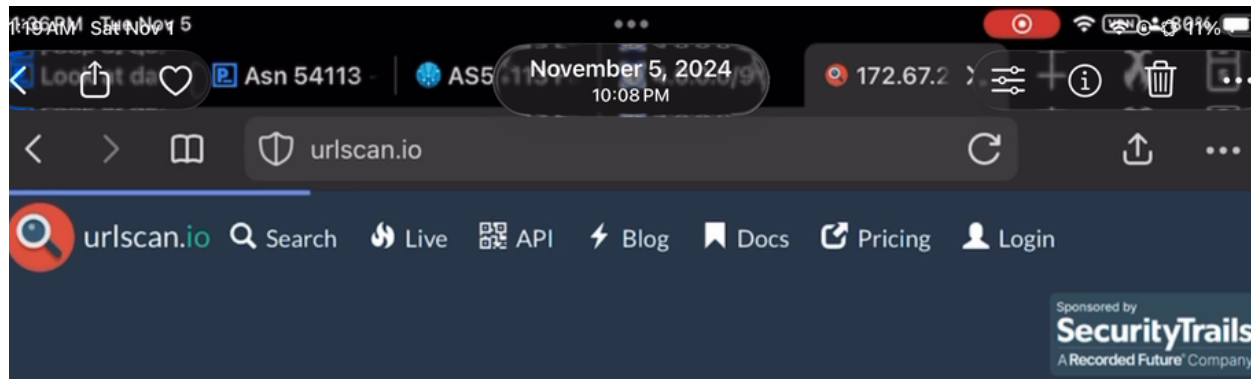
Details: Hidden

URL Age Size IPs

(0 results in total, 0 shown)







172.67.255.255

Public Scan



URL:

<http://172.67.255.255/>

Submission: On November 16 via manual from - Scanned from

We could not scan this website!

Error text of the first response:

```
net::ERR_CONNECTION_RESET
```

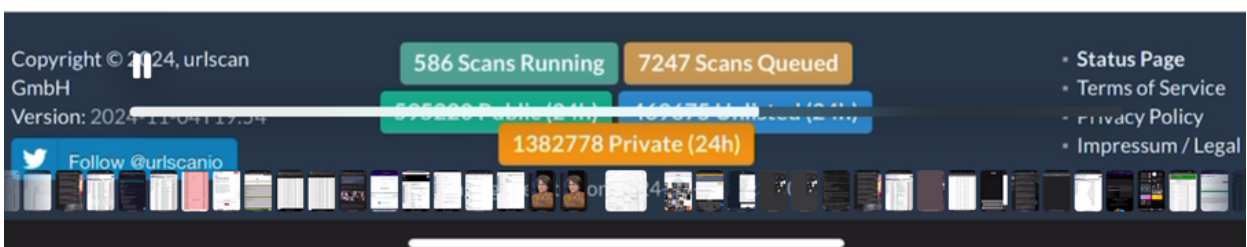
This can happen for multiple reasons:

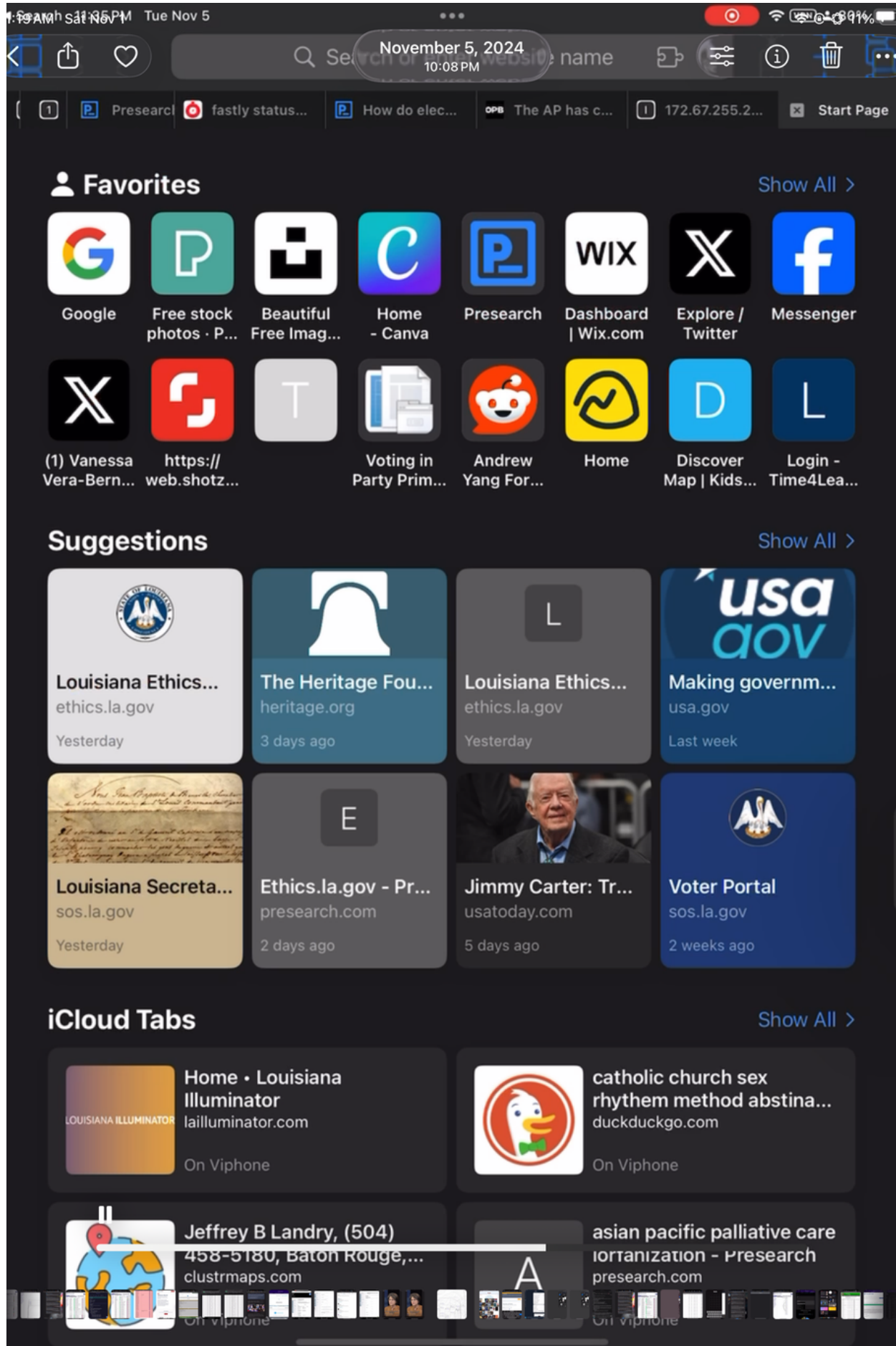
- The site could not be contacted (DNS or generic network issues)
- The site uses insecure TLS (weak ciphers e.g.)
- The site requires HTTP authentication

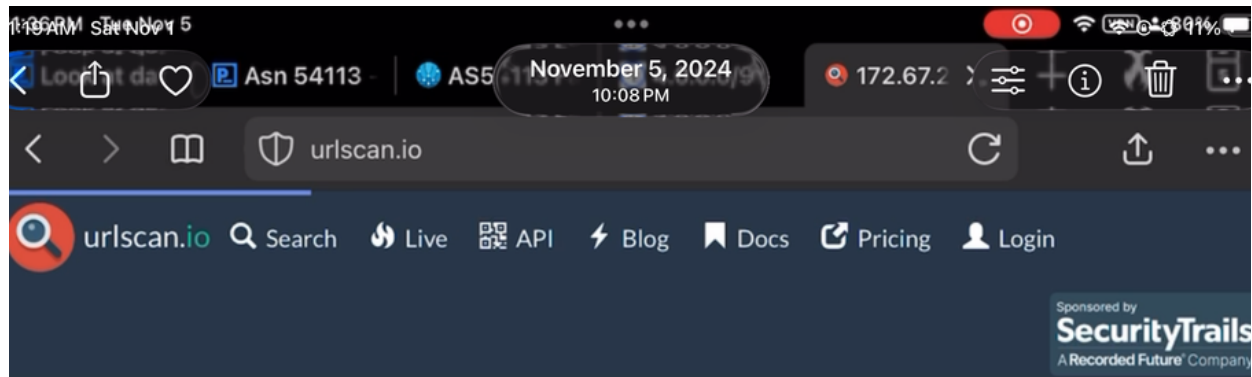
Take a look at the [JSON output](#) or the screenshot to determine a possible cause.

Live Screenshot [Submitted URL](#)

Image







172.67.255.255

Public Scan



URL:

<http://172.67.255.255/>

Submission: On November 16 via manual from — Scanned from

We could not scan this website!

Error text of the first response:

```
net::ERR_CONNECTION_RESET
```

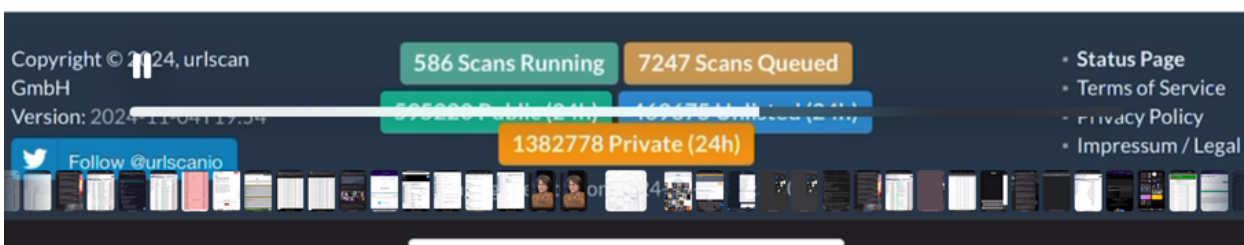
This can happen for multiple reasons:

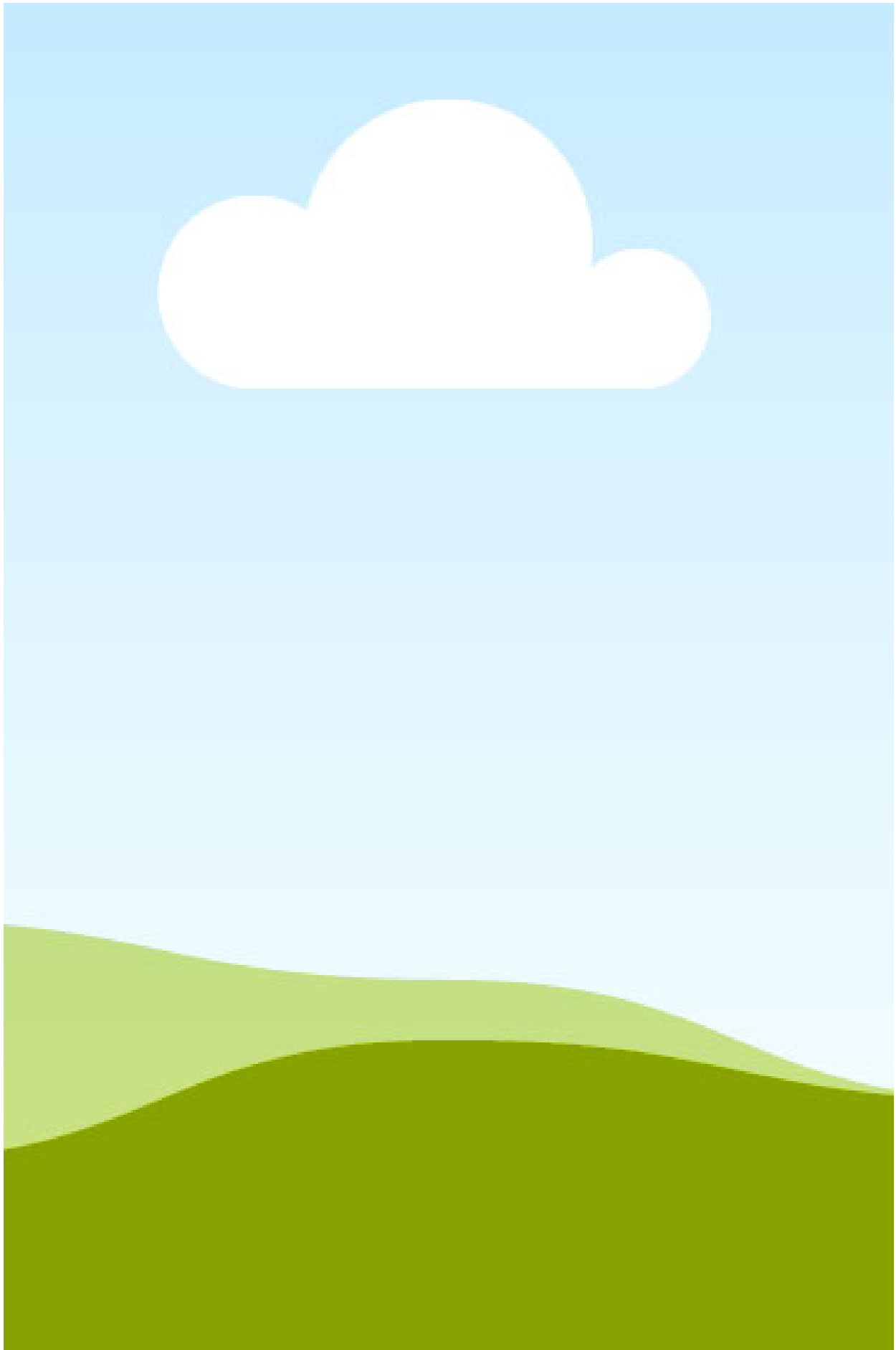
- The site could not be contacted (DNS or generic network issues)
- The site uses insecure TLS (weak ciphers e.g.)
- The site requires HTTP authentication

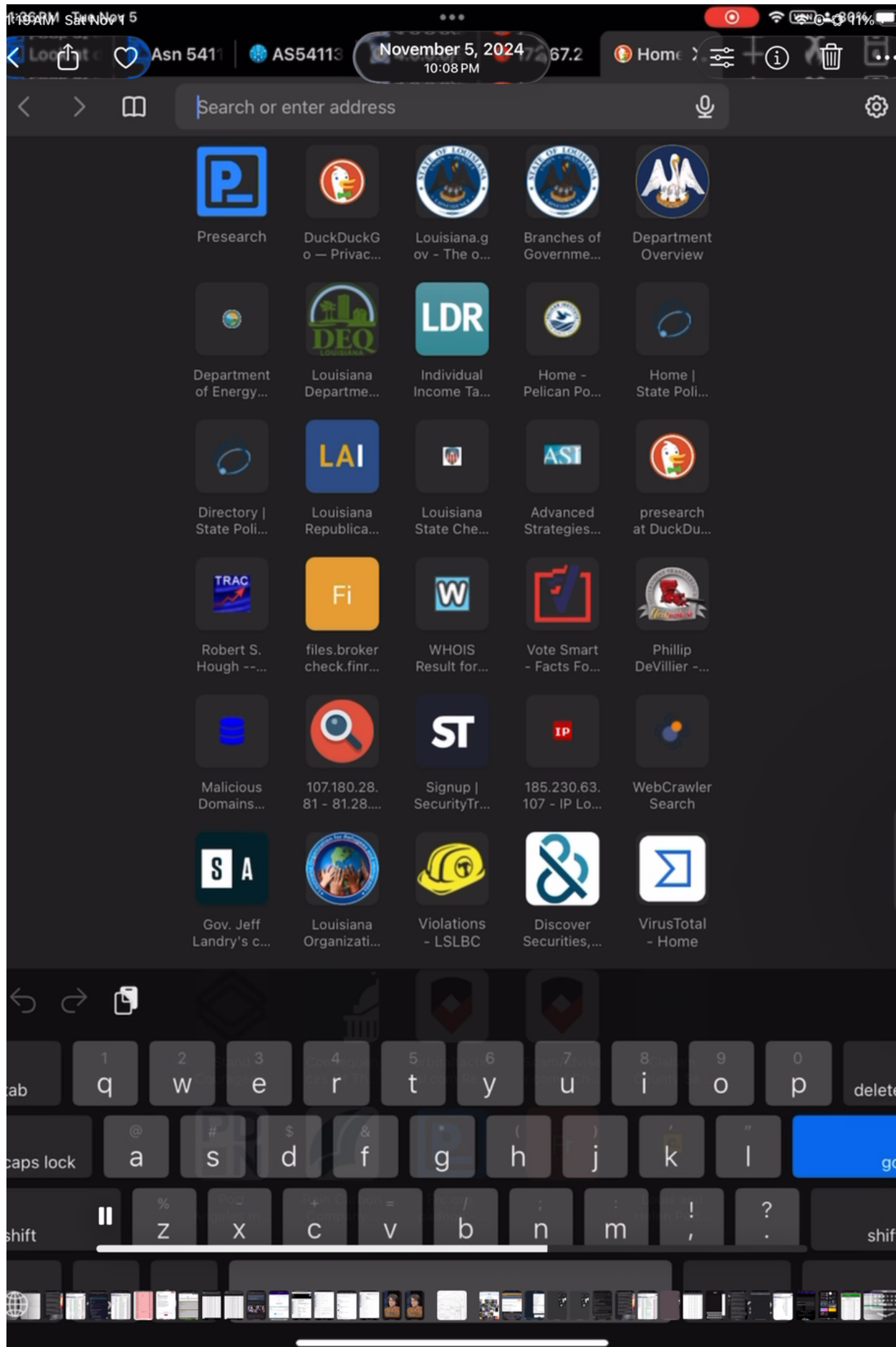
Take a look at the [JSON output](#) or the screenshot to determine a possible cause.

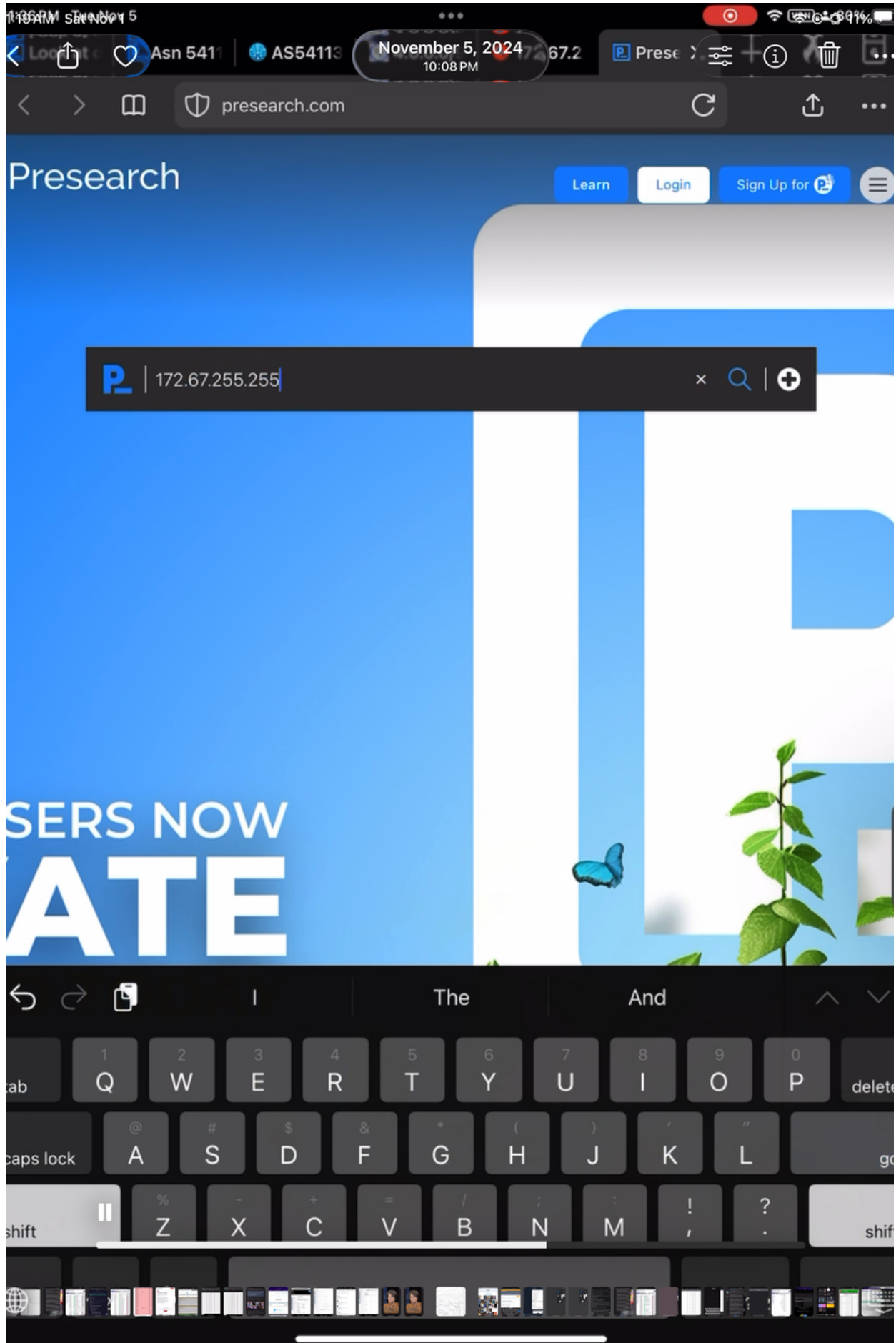
Live Screenshot [Submitted URL](#)

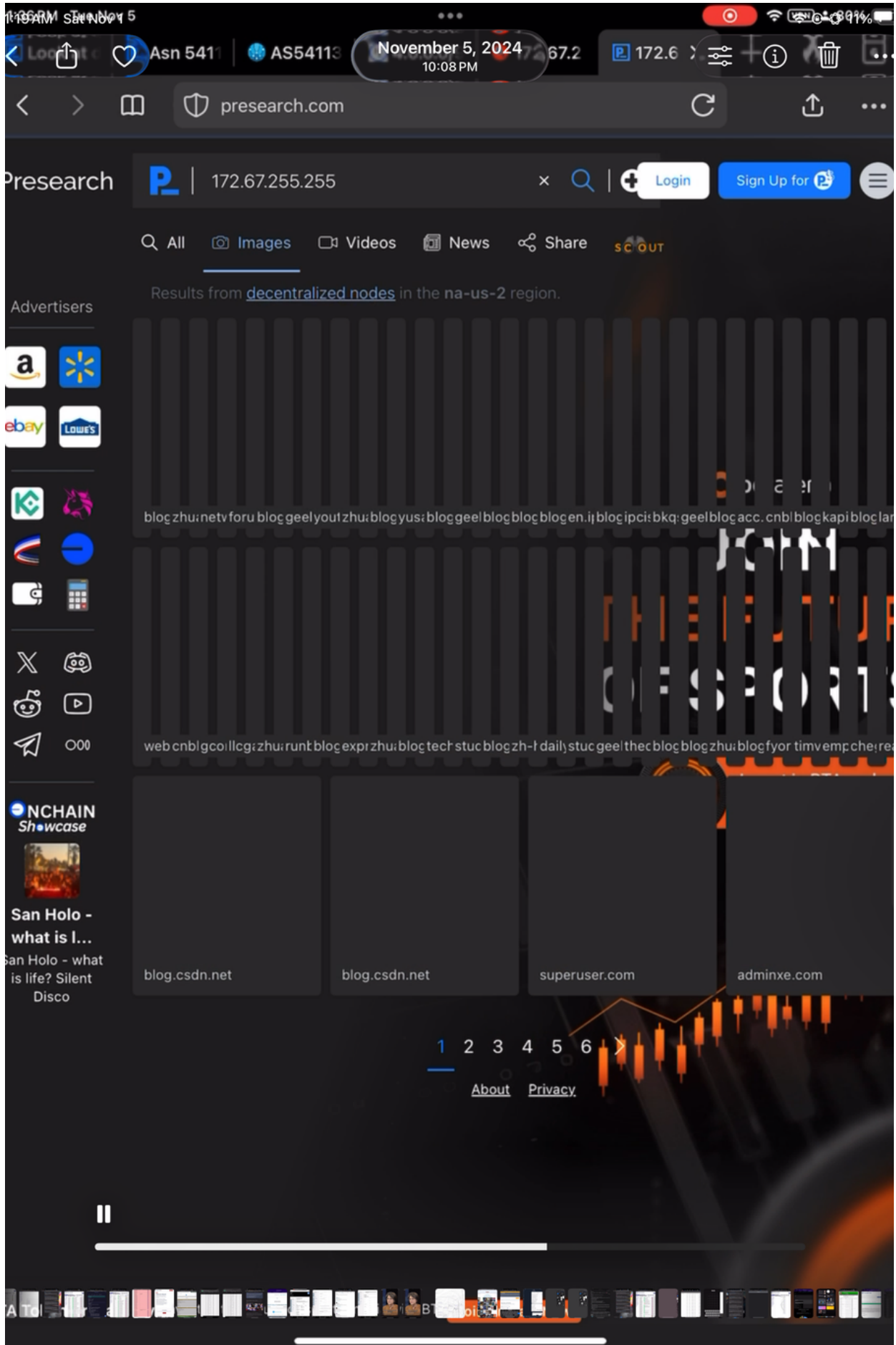
Image











11:55 AM Saturday, November 5, 2024

ASn 5411 | AS54113 | November 5, 2024 10:08 PM | 172.67.255.255

presearch.com

Presearch

172.67.255.255

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News

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SCOUT

Results from decentralized nodes in the na-us-2 region.

www.iplocationtools.com/172.67.0.0-172.67.255.255

172.67.0.0 - 172.67.255.255 IP Addresses

IPLocationTools provides free tools and features related to IP Geolocation. Looking for IP address location detection service in high accuracy? Try It Now.

ipinfo.io/AS13335/172.67.144.0/20-172.67.159.0/25

172.67.159.0/25 IP range details - IPinfo.io

172.67.159.0/25 IP address block information: WHOIS details, hosted domains and IP addresses in this range.

www.bigdatacloud.com/ip-lookup/172.67.255.255

Free IP Lookup for 172.67.255.255 | BigDataCloud

Explore Comprehensive IP Data for IP Address 172.67.255.255 - Gain in-depth insights into the origin, geolocation, ISP, and more with our detailed IP data page.

ipaddress.is/ipaddress-172_67

172.67.255.255 - IP Address Whois

IPAddress.is - IP Address Whois, IP Address Lookup 172.67.0.1 - 172.67.255.255.

ipwhoisinfo.com/range/172.67.0.0/16

172.67.0.0-172.67.255.255 (172.67.0.0/16) IP ...

Browse the IP range 172.67.0.0/16 (65k addresses) using our directory tree to quickly find the information related to an IP range or a specific address.

ipinfo.io/172.67.255.255

172.67.255.255 IP Address Details - IPinfo.io

Sep 19, 2023 · Full IP address details for 172.67.255.255 (AS13335 Cloudflare, Inc.) including geolocation and map, hostname, and API details.

www.speedguide.net/ip/172.67.255

IP Address Location Details

The SG IP locator combines IP/hostname geographic location tracking with useful

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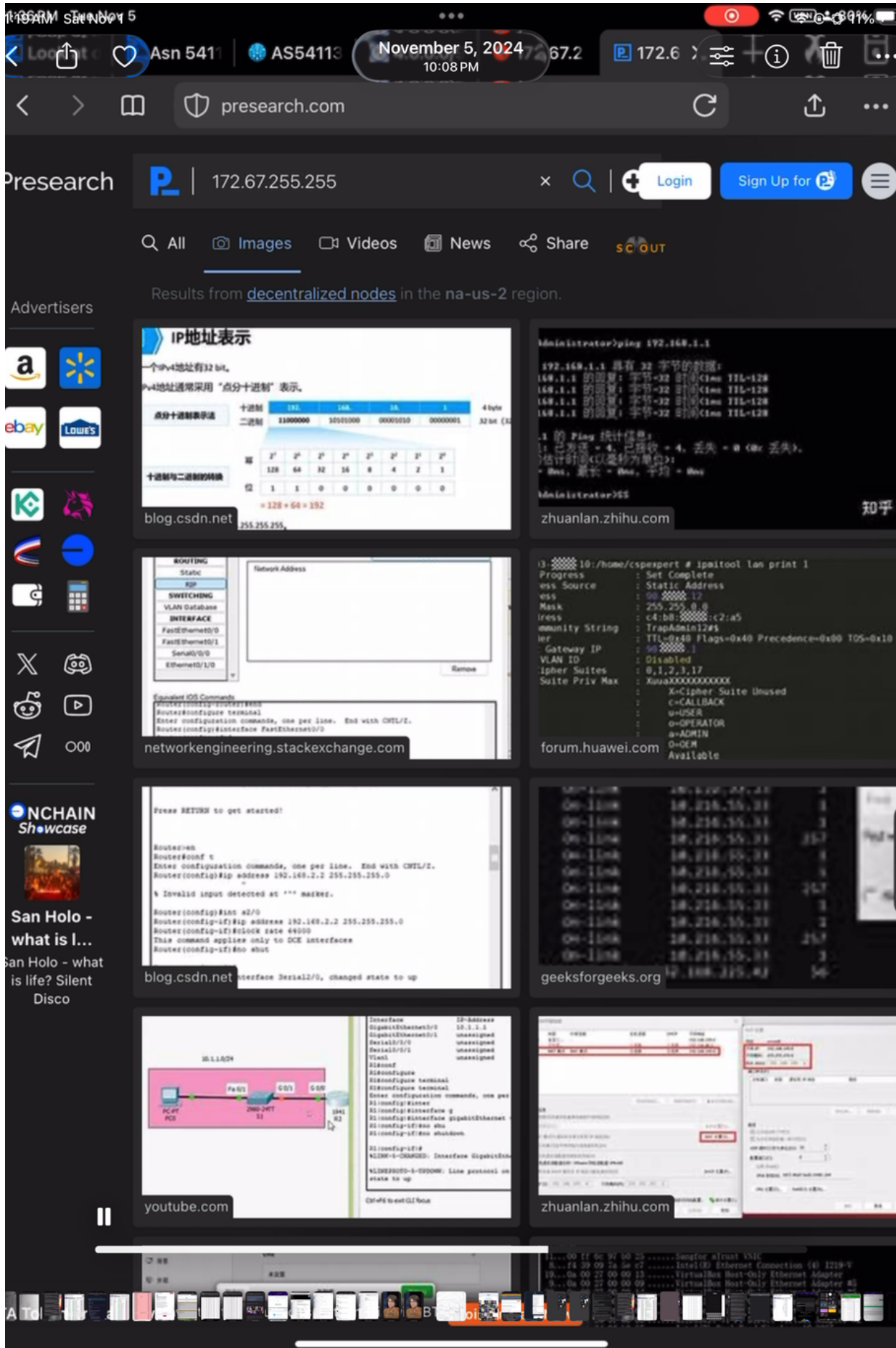
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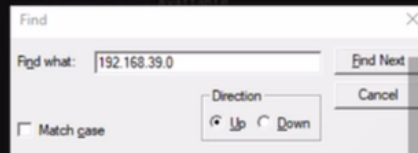
San Holo - what is I...

San Holo - what is life? Silent Disco

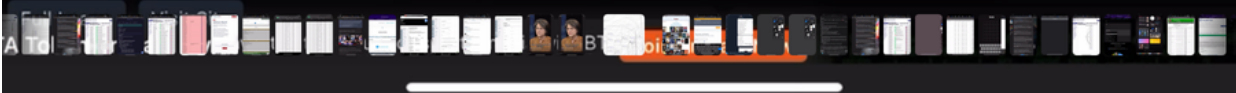


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	175.247.251.80	255.255.255.255	On-link	10.216.55.33	1
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	180.166.53.0	255.255.255.0	On-link	10.216.55.33	1
	180.166.53.255	255.255.255.255	On-link	10.216.55.33	257
	184.72.30.154	255.255.255.255	On-link	10.216.55.33	1
	184.72.232.0	255.255.255.0	On-link	10.216.55.33	1
	184.72.232.255	255.255.255.255	On-link	10.216.55.33	257
	184.73.247.97	255.255.255.255	On-link	10.216.55.33	1
	185.23.60.0	255.255.255.0	On-link	10.216.55.33	1
	185.23.60.255	255.255.255.255	On-link	10.216.55.33	257
	192.168.0.0	255.255.0.0	On-link	10.216.55.33	1
	192.168.39.0	255.255.255.0	192.148.0.2	192.168.225.42	56



Title: How to Add a Static Route to Windows Routing Table? - GeeksforGeeks
Dimensions: 993 x 194



blog.csdn.net

```
DEFROUTE=yes
IPV4_FAILURE_FATAL=no
IPV6INIT=yes
IPV6_AUTOCONF=yes
IPV6_DEFROUTE=yes
IPV6_FAILURE_FATAL=no
IPV6_ADDR_GEN_MODE=stable-privacy
NAME=ens33
UUID=97389e19-4214-4c47-8d52-911e2baa64d9
DEVICE=ens33
```

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```

主芯片名          : Realtek-GCM72L
主 SOC 品牌      :
节点类型          : 服务器
IP 地址与子网掩码 :
DNS 服务器地址    :
SOC 品牌搜索列表  : wjyqsh.com

以太网适配器 以太网:

   连接特定的 SOC 适配器 : wjyqsh.com
   描述                  : Realtek PCIe GbE Family Controller
   IP 地址                : 10-82-03-73-C8-9A
   子网掩码                : 255.255.255.0
   默认网关地址            : 192.168.206.254
   本地连接 IPv6 地址      : fe80::49d4:388d:f60b:3908%10 (首选)
   IPv4 地址                : 192.168.206.159 (首选)
   子网掩码                : 255.255.255.0
   默认网关地址            : 192.168.206.159
   本地连接的时间间隔      : 300 毫秒 (1 秒)
   本地连接的接收数据包的时间 : 300 毫秒 (1 秒)
   本地连接的发送数据包的时间 : 300 毫秒 (1 秒)
   默认 TOS                : 0
   默认 MTU                : 1500 字节
   默认窗口大小              : 65535 字节
   默认接收数据包的大小      : 65535 字节
   默认发送数据包的大小      : 65535 字节
   本地连接支持的功能       : CS-SS/IEEE 802.3/4/5/802.3ad/Flow Control/IEEE 802.3Q/IEEE 802.3az/Ethernet PSE/IEEE 802.3ba/Ethernet
   本地连接支持的 QoS 功能   : IEEE 802.3Pb/IEEE 802.3Pc/IEEE 802.3Pq/IEEE 802.3Pr/IEEE 802.3Ps/IEEE 802.3Pz/IEEE 802.3T/IEEE 802.3U/IEEE 802.3V/IEEE 802.3W/IEEE 802.3X/IEEE 802.3Y/IEEE 802.3Z/IEEE 802.3aa/IEEE 802.3ab/IEEE 802.3ac/IEEE 802.3ad/IEEE 802.3ae/IEEE 802.3af/IEEE 802.3ag/IEEE 802.3ah/IEEE 802.3ai/IEEE 802.3aj/IEEE 802.3ak/IEEE 802.3al/IEEE 802.3am/IEEE 802.3an/IEEE 802.3ao/IEEE 802.3ap/IEEE 802.3aq/IEEE 802.3ar/IEEE 802.3as/IEEE 802.3at/IEEE 802.3au/IEEE 802.3av/IEEE 802.3aw/IEEE 802.3ax/IEEE 802.3ay/IEEE 802.3az/IEEE 802.3ba/IEEE 802.3bb/IEEE 802.3bc/IEEE 802.3bd/IEEE 802.3be/IEEE 802.3bf/IEEE 802.3bg/IEEE 802.3bh/IEEE 802.3bi/IEEE 802.3bj/IEEE 802.3bk/IEEE 802.3bl/IEEE 802.3bm/IEEE 802.3bn/IEEE 802.3bo/IEEE 802.3bp/IEEE 802.3bq/IEEE 802.3br/IEEE 802.3bs/IEEE 802.3bt/IEEE 802.3bu/IEEE 802.3bv/IEEE 802.3bw/IEEE 802.3bx/IEEE 802.3by/IEEE 802.3bz/IEEE 802.3ca/IEEE 802.3cb/IEEE 802.3cc/IEEE 802.3cd/IEEE 802.3ce/IEEE 802.3cf/IEEE 802.3cg/IEEE 802.3ch/IEEE 802.3ci/IEEE 802.3cj/IEEE 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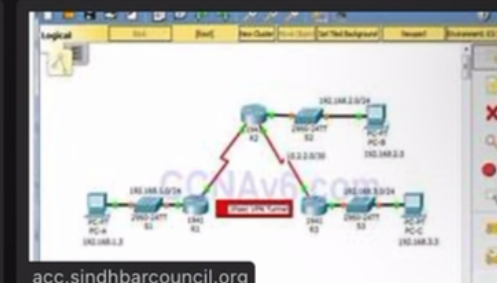
172.67.172.1  United States (US)



Usage Type:  CPU

Net Speed: 

Class	IP Range
Class A	10.0.0.0 to 10.255.255.255
Class B	172.16.0.0 to 172.31.255.255
Class C	192.168.0.0 to 192.168.255.255

[illegible]

配置提供程序	
下表显示了 ASP.NET Core 应用程序的配置提供程序。	
提供程序	通过以下对象提供程序
Azure Key Vault 配置提供程序	Azure Key Vault
Azure 云存储配置提供程序	Azure 云存储服务配置
部分云配置提供程序	部分云存储
日志云配置提供程序	日志云存储
数据库配置提供程序	数据库
文件配置提供程序	文件系统
Key per file 配置提供程序	自定义文件
内存配置提供程序	内存存储

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0:32

Botnet | Ddos Attack || ديدوس || بوت نيت

m.youtube.com/watch?v=RXcCLba_3Q4

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2:07

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www.youtube.com/watch?v=q7wNcYliJ1Q

255 255 255 19:14

SUBNETTING In Computer Network | How To Find Subnet Mask, Network ID, Host IP Address & Broadcast ID

www.youtube.com/watch?v=LdSaaSHfK3M

192.168.10.0/30 6:55

2.2.2.4 Packet Tracer - Configuring IPv4 Static and Default Routes

www.youtube.com/watch?v=p1YlwHgvmsw

17:57

17. How to Find All Subnet Numbers

www.youtube.com/watch?v=zgvlBesqAk4

192.168.2.0 255.255.255.0 9:15

IP Subnetting from CIDR Notations

www.youtube.com/watch?v=POP0AjWfKgg

16:01

How to Setup an FTP Server on Windows 10

www.youtube.com/watch?v=ke3tnd73aUI

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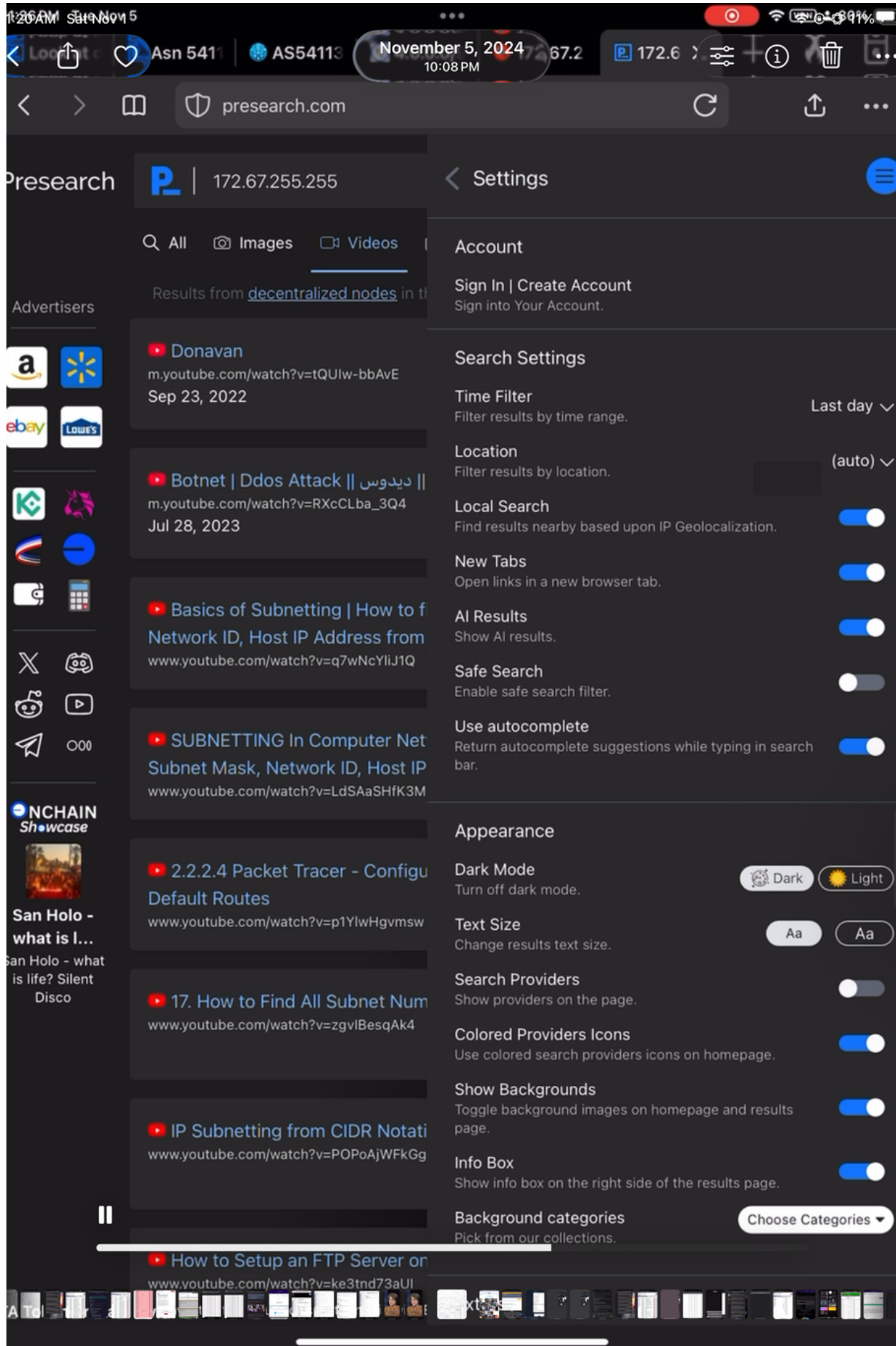
ebay

Lowe's

NCHAIN Showcase

San Holo - what is I...

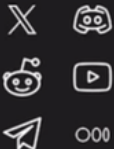
San Holo - what is Life? Silent Disco





2.2.2.4 Packet Tracer - Configure Static and Default Routes

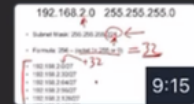
www.youtube.com/watch?v=p1YlwHgvmSw



**San Holo -
what is l...**
San Holo - what
is life? Silent
Disco

17. How to Find All Subnet Numbers

www.youtube.com/watch?v=zgvlBesqAk4



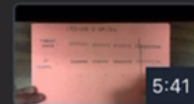
▶ IP Subnetting from CIDR Notations

www.youtube.com/watch?v=POPoAjWFkGg



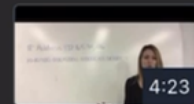
▶ Subnetting Made Simple

www.youtube.com/watch?v=nFYilGQ-p-8



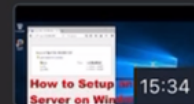
- ▶ Calculate Network, Broadcast and host addresses

www.youtube.com/watch?v=hb2yTNT2rBU



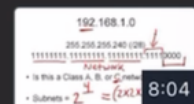
▶ How to Setup an FTP Server on Windows 10

www.youtube.com/watch?v=ke3tnd73aUI



16. How to Find the Number of Subnets Valid Hosts

www.youtube.com/watch?v=uyRtYUg6bnw



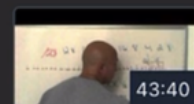
Standard Access List (ACL) for the Cisco CCNA - Part 1

www.youtube.com/watch?v=4PPUvRj2PvM



IP Addresses and Subnetting

www.youtube.com/watch?v=rs39FWDhzDs



11

▶ Finding network address, broadcast address, first and last usable host address given an IP - part 1

<https://www.youtube.com/watch?v=iF17cAP6n74>



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www.youtube.com/watch?v=LdSaaSHfK3M

192.168.10.0/30

6:55

Basics of Subnetting | How to find Subnet Mask, Network ID, Host IP Address from CIDR Value | 2018

www.youtube.com/watch?v=q7wNcYliJ1Q

BASICS OF SUBNETTING

255 255 255 19:14

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192.168.2.0 255.255.255.0

9:15

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www.youtube.com/watch?v=POPoAjWfKgg

Subnetting from CIDR Notation

16:01

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www.youtube.com/watch?v=nFYilGQ-p-8

5:41

Calculate Network, Broadcast and host addresses

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4:23

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19:14

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192.168.2.0 255.255.255.0

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16:01

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5:41

Calculate Network, Broadcast and host addresses

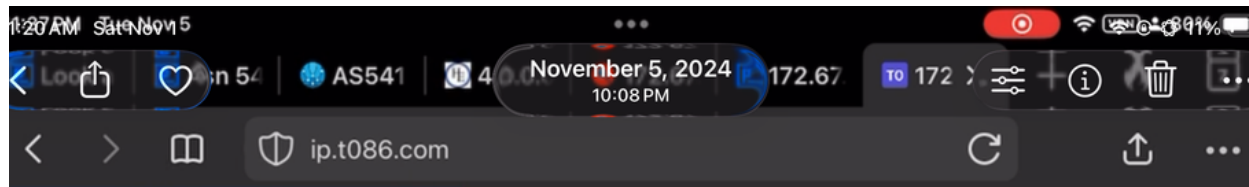
www.youtube.com/watch?v=hb2yTNT2rBU

4:23

How to Setup an FTP Server on Windows 10

www.youtube.com/watch?v=ke3tnd73aUI

4:23



IT学习者 -> IP地址查询 -> 172.67.143.*的IP地址分布

172.67.143.*的IP地址分布

IP查询详细地址

范围	位置
2.64.32.0 - 172.67.255.255	美国 CloudFlare节点

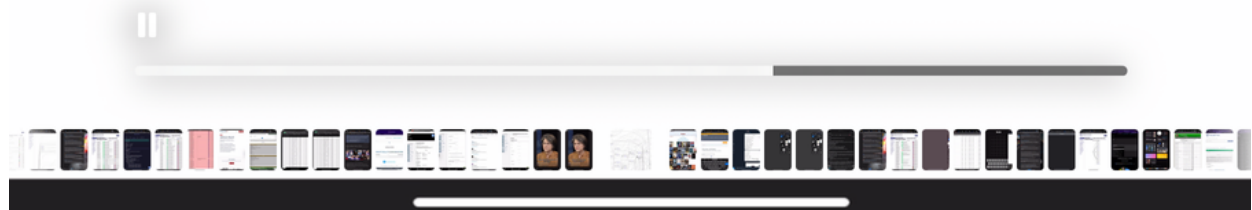
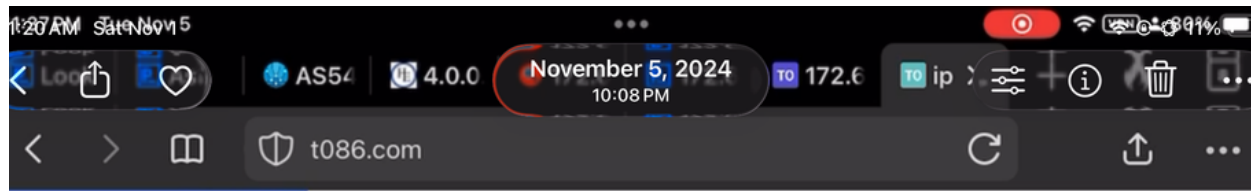
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2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*

IP地址相关小知识 ip地址怎么改 abc类ip地址	- ip地址与网络上的其他系统有冲突怎么解决 - 如何查询ip地址
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RunTime:0.39ms

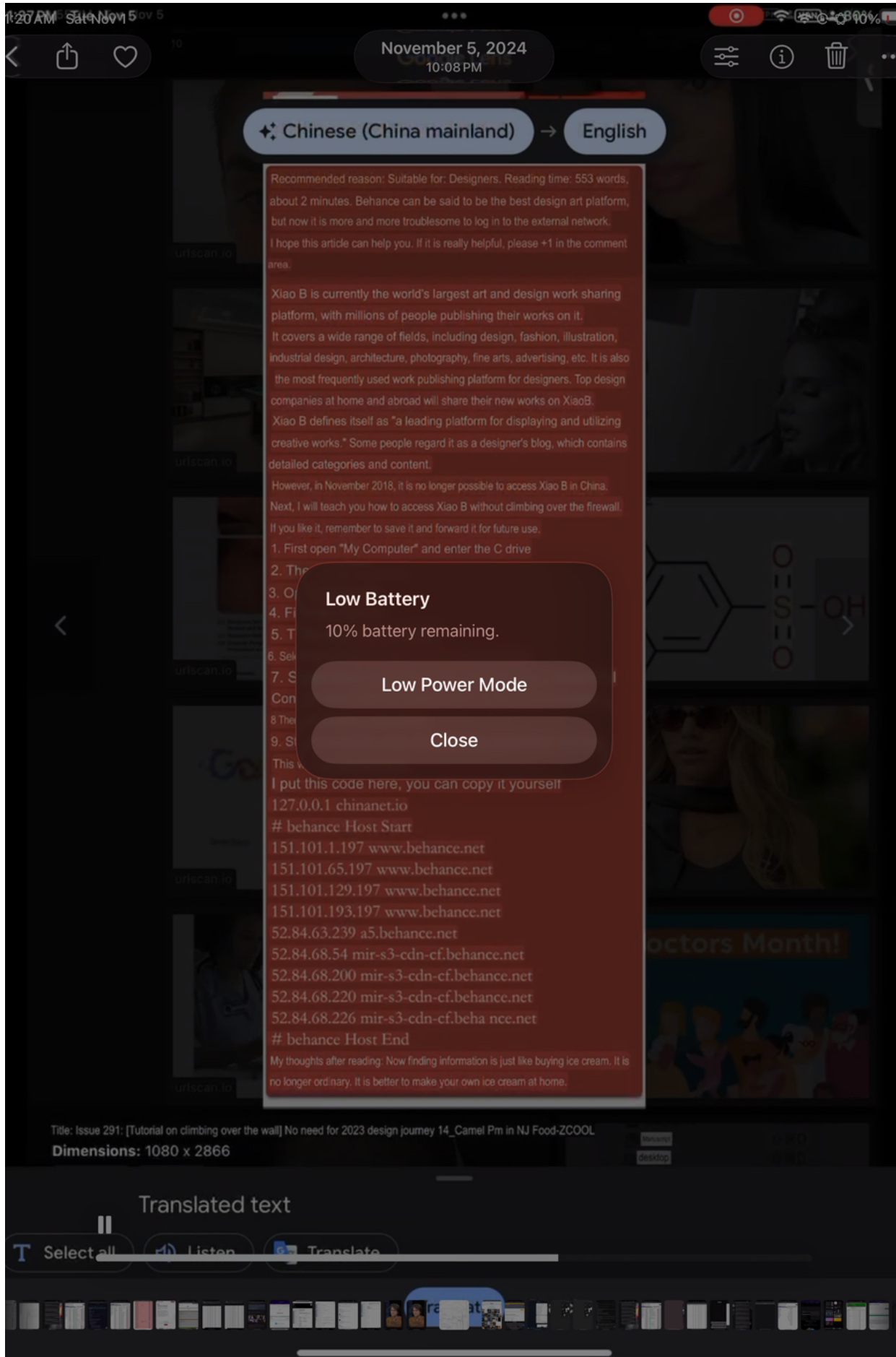
















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[Tutorial on how to bypass the firewall] Access the des

Recommended reason: Suitable for: Designers, about 2 minutes. Behance can be said to be the most popular but now it is more and more troublesome to log in. I hope this article can help you. If it is really helpful, please share it in your area.

Xiao B is currently the world's largest art and design platform, with millions of people publishing their works. It covers a wide range of fields, including design, industrial design, architecture, photography, fine art, etc. It is the most frequently used work publishing platform by design companies at home and abroad. Xiao B defines itself as "a leading platform for creative works." Some people regard it as a design platform with detailed categories and content.

However, in November 2018, it is no longer possible to access Xiao B without a VPN. Next, I will teach you how to access Xiao B without a VPN. If you like it, remember to save it and forward it for future use.

1. First open "My Computer" and enter the Code

2. Then open windows

3. Open system32

4. Find drivers in it

5. Then open the etc folder

6. Select the host file and right-click to open the properties

7. Select Security, click Edit, select Full Control, and click OK. Select Yes in the warning box

8 Then use the laptop to open the host

9. Start a new line, enter the following code

This way you can access it

I put this code here, you can copy it

127.0.0.1 chinanet.io

behance Host Start

151.101.1.197 www.behance.net

151.101.65.197 www.behance.net

151.101.129.197 www.behance.net

151.101.193.197 www.behance.net

52.84.63.239 a5.behance.net

52.84.68.54 mir-s3-cdn-cf.behance.net

52.84.68.200 mir-s3-cdn-cf.behance.net

52.84.68.220 mir-s3-cdn-cf.behance.net

52.84.68.226 mir-s3-cdn-cf.behance.net

San



Copy text



Search



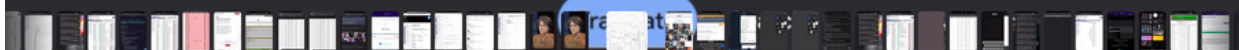
Listen



Translate



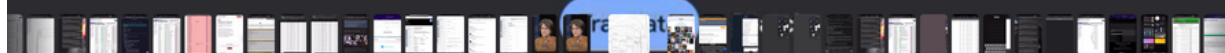
Copy to computer



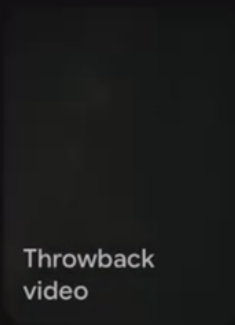
English

My thoughts after reading: Now finding information is just like buying ice cream. It is no longer ordinary. It is better to make your own ice cream at home.

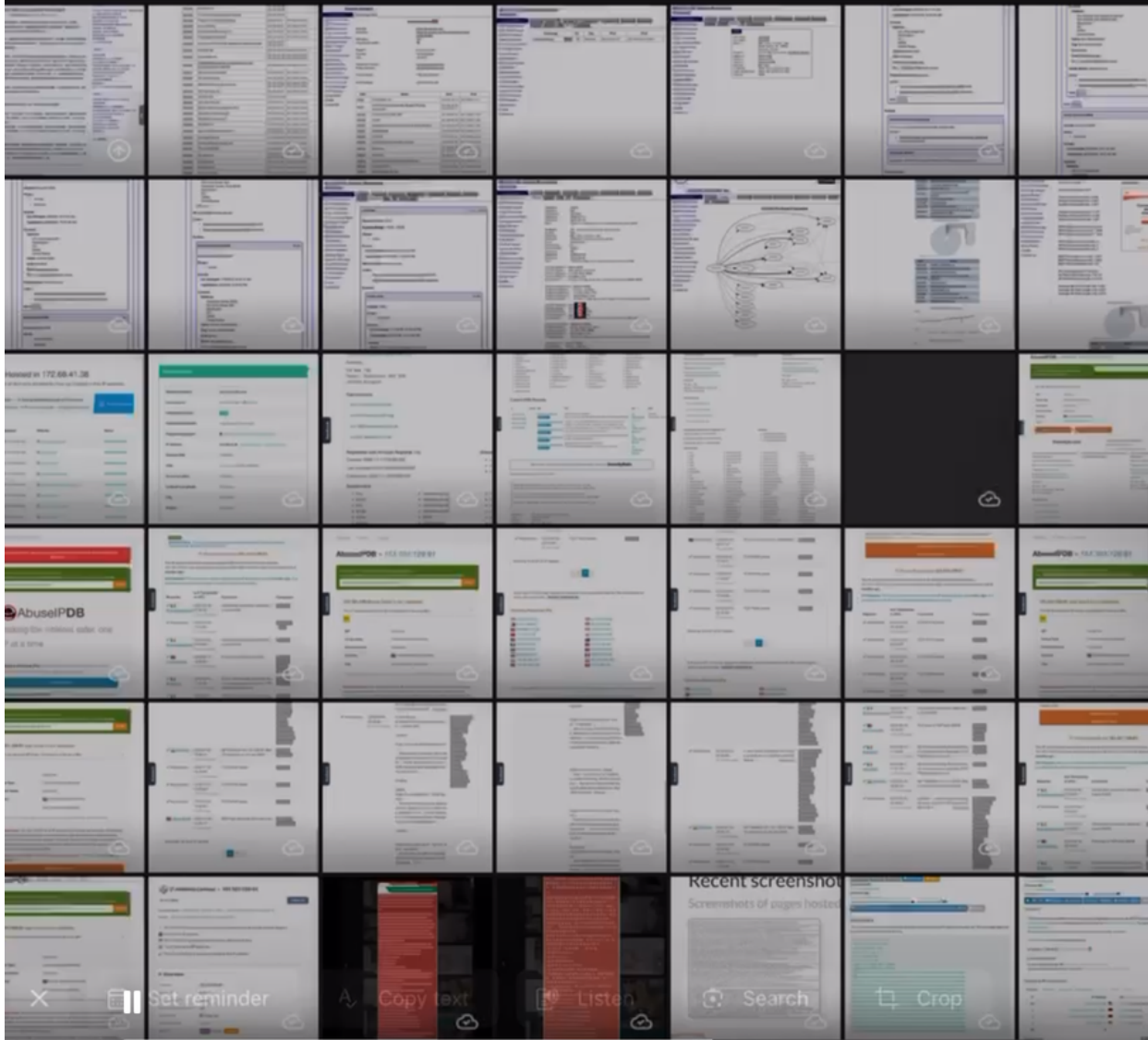
Translated text



November 5, 2024
10:08 PM



November



Set reminder



Copy text



Listen

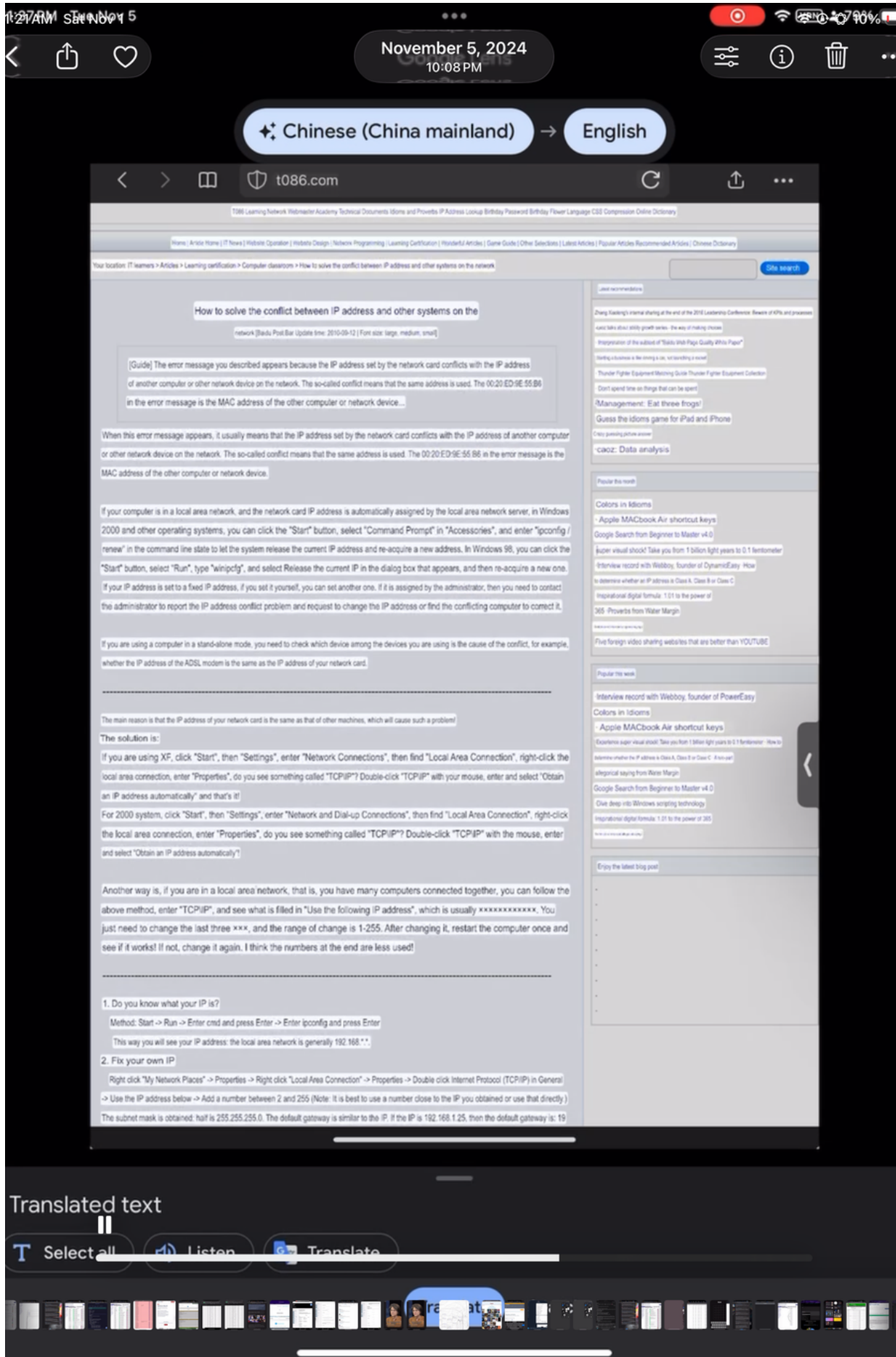


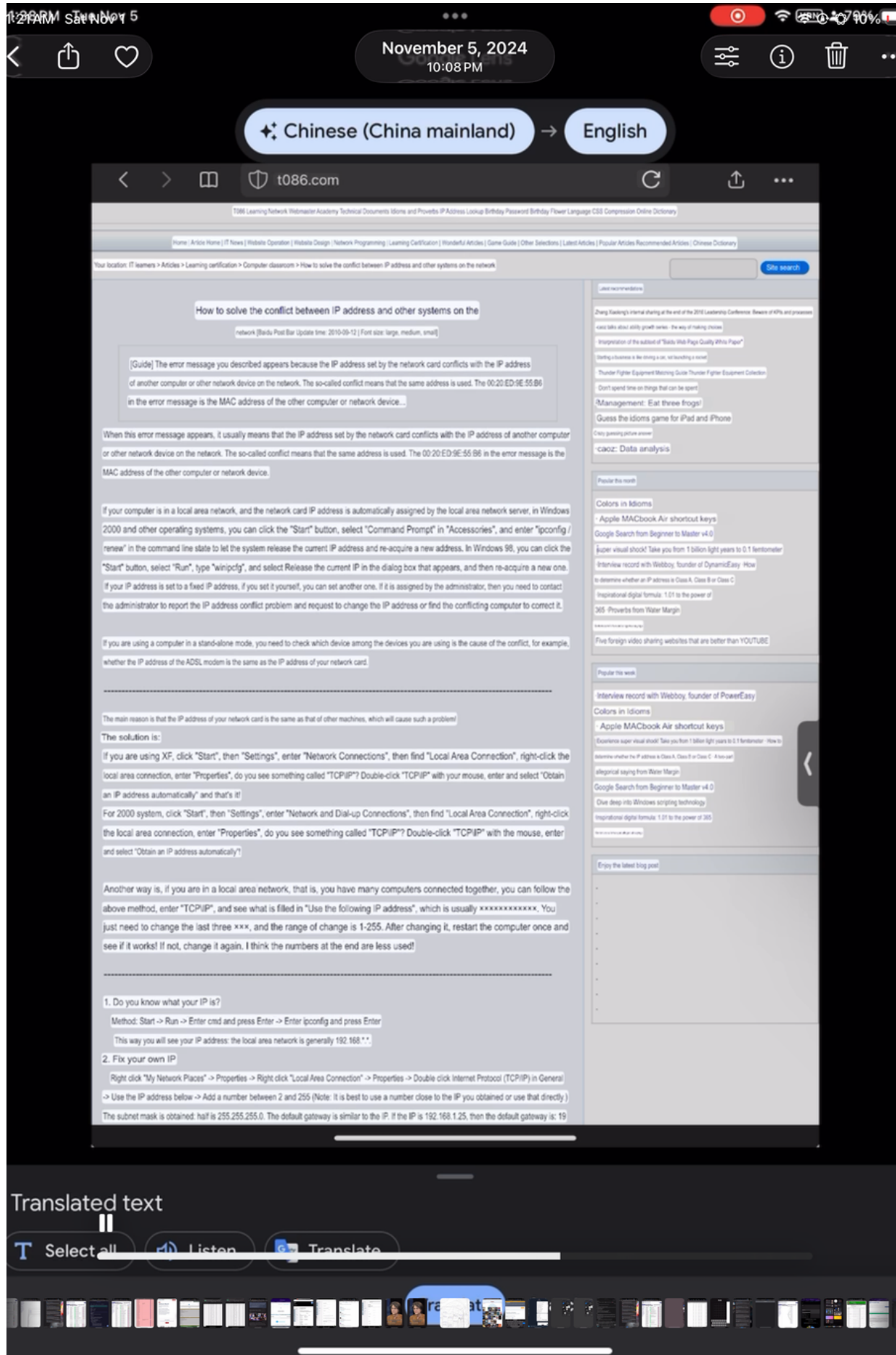
Search

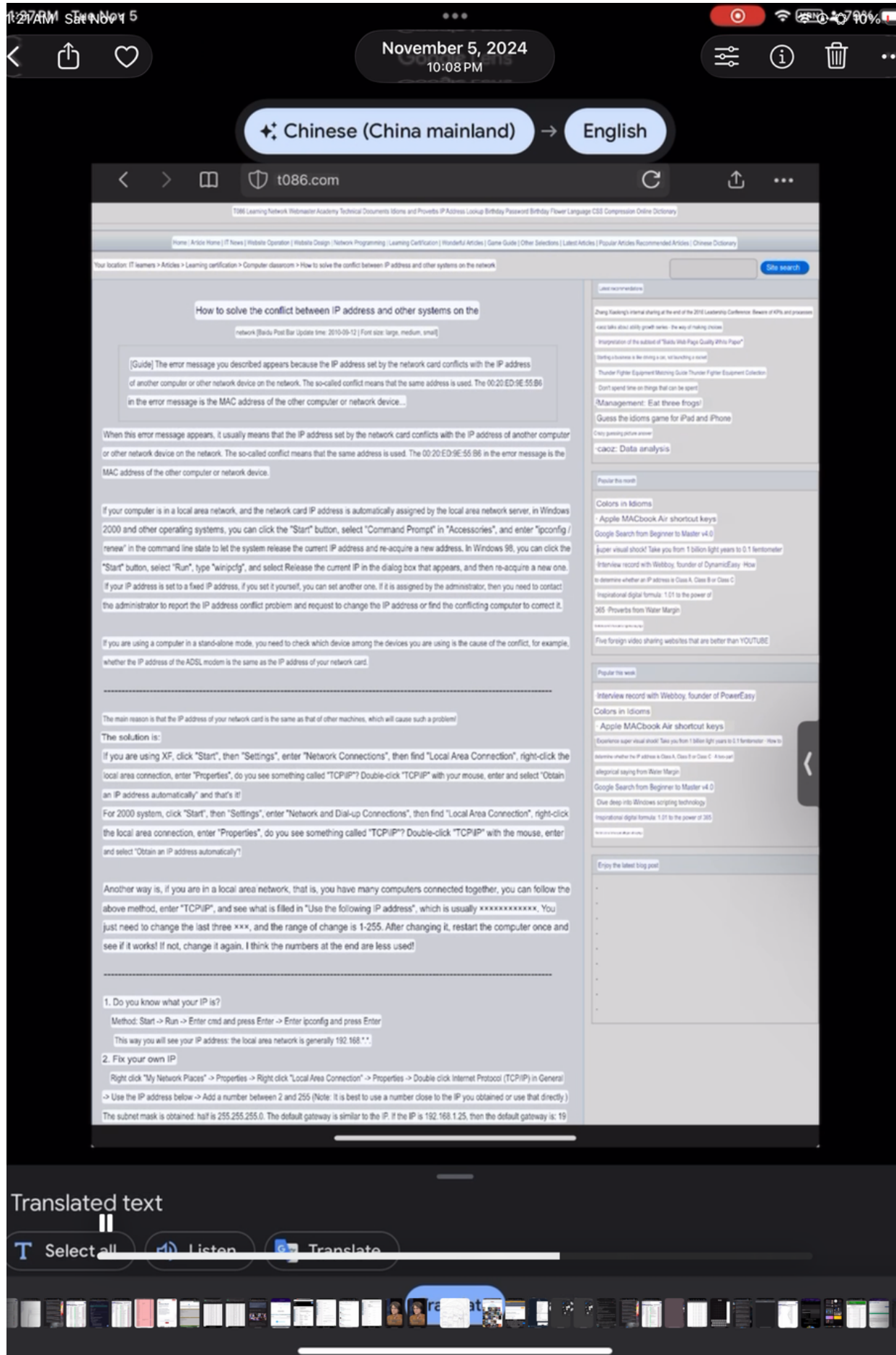


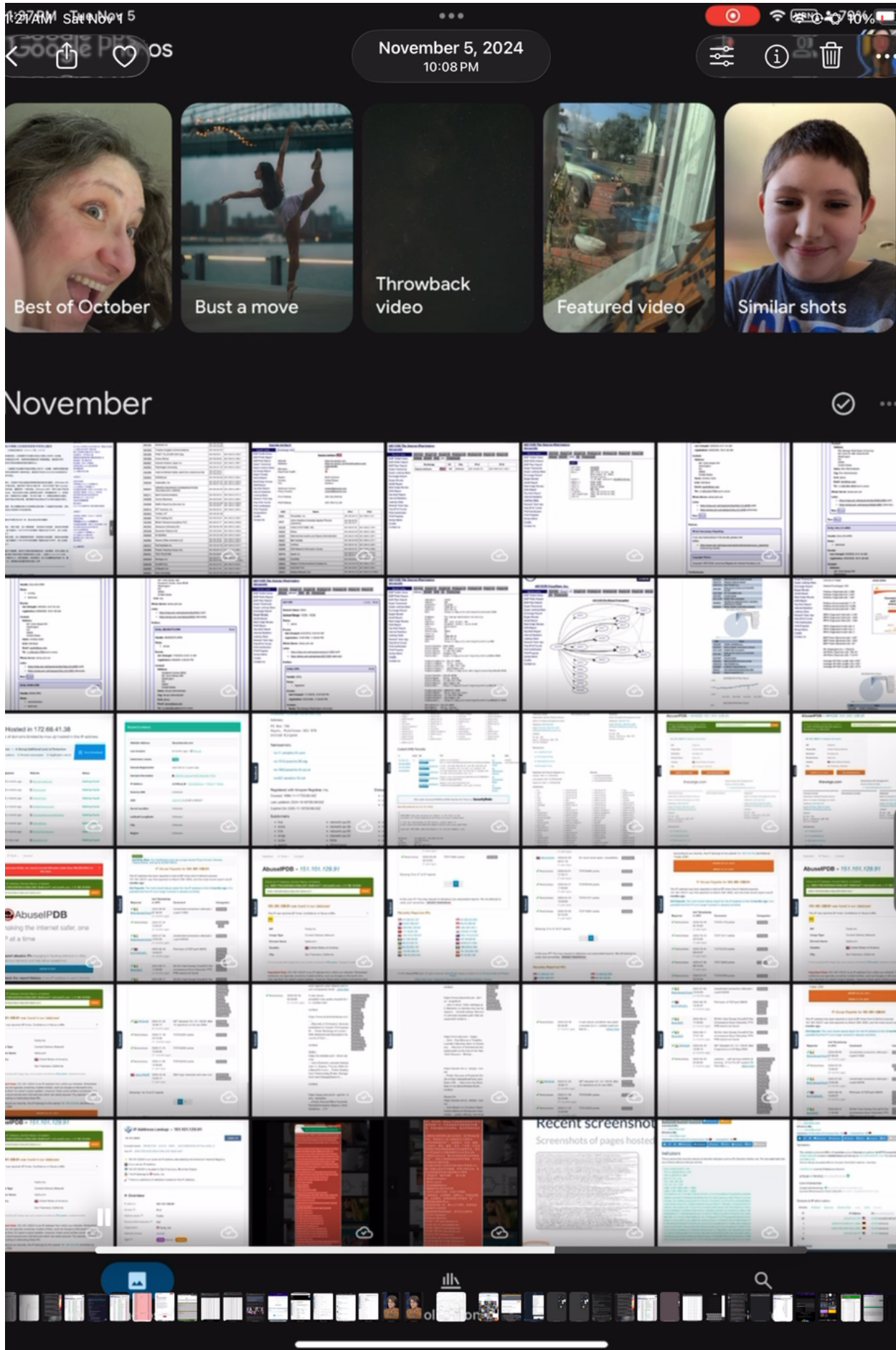
Crop

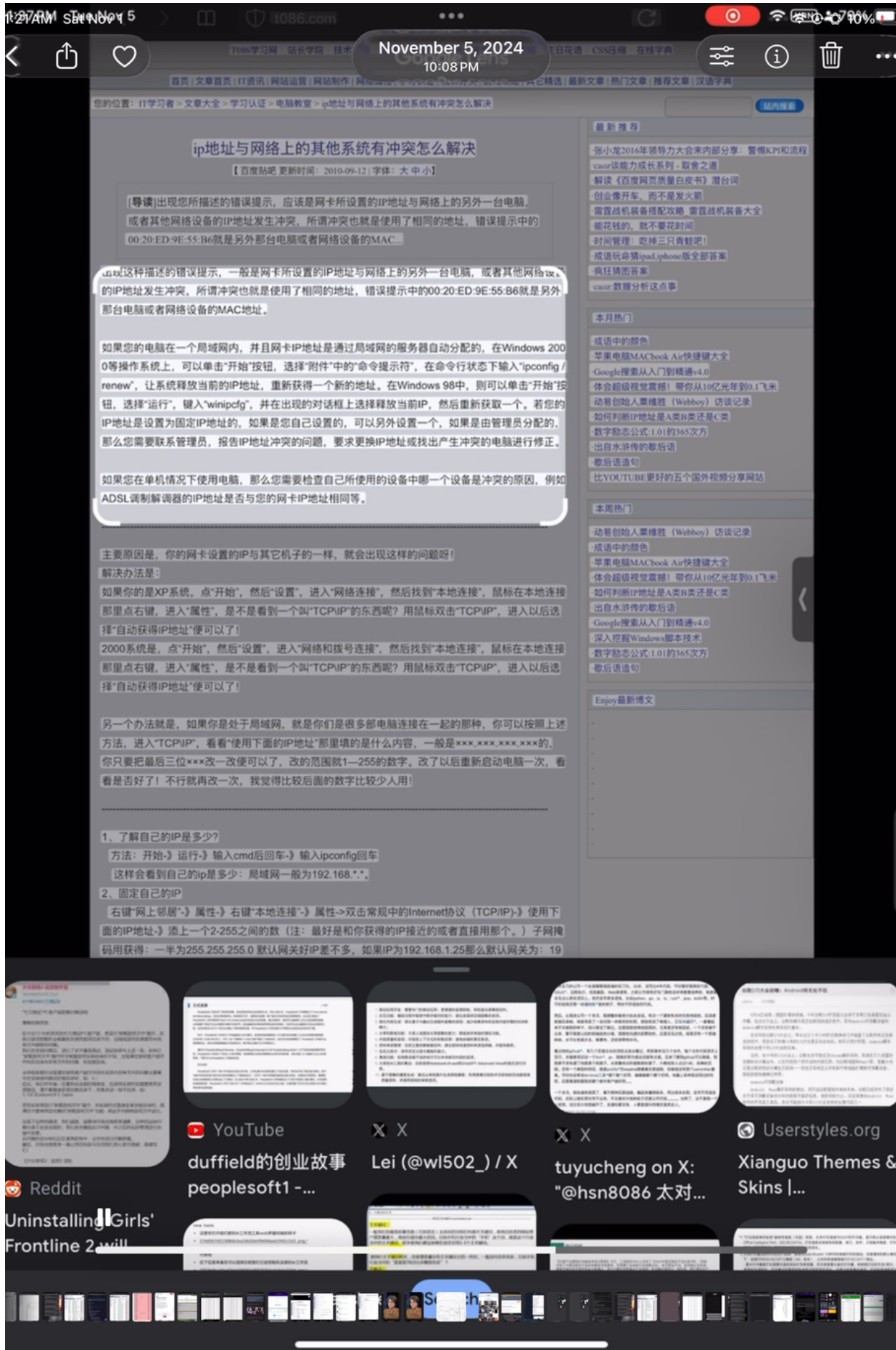




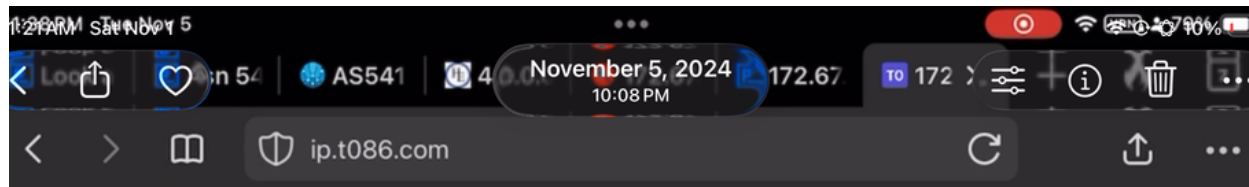












IT学习者 -> IP地址查询 -> 172.67.143.*的IP地址分布

172.67.143.*的IP地址分布

IP查询详细地址

范围	位置
2.64.32.0 - 172.67.255.255	美国 CloudFlare节点

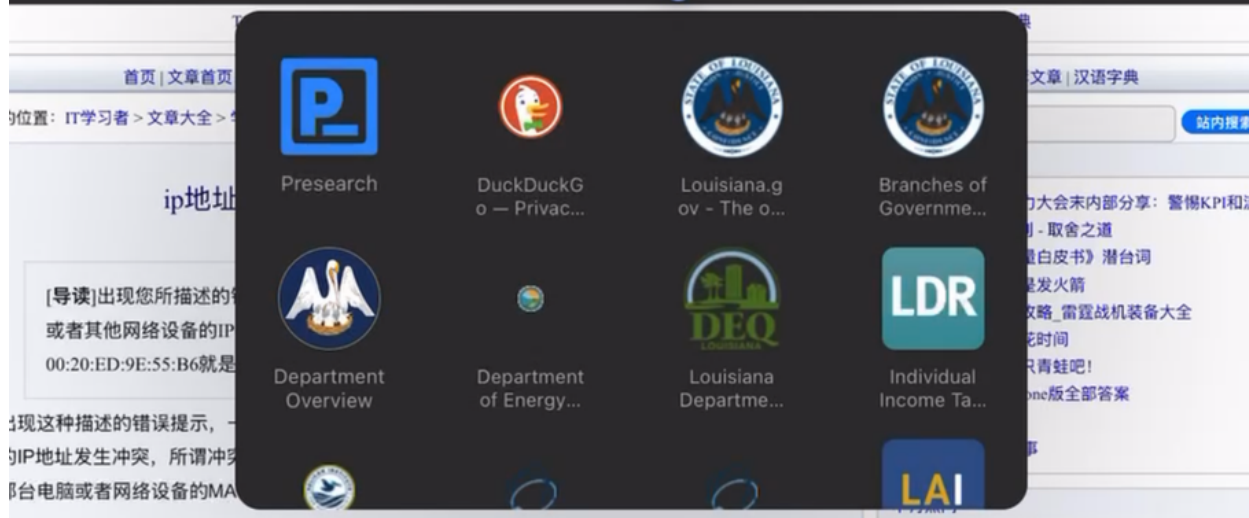
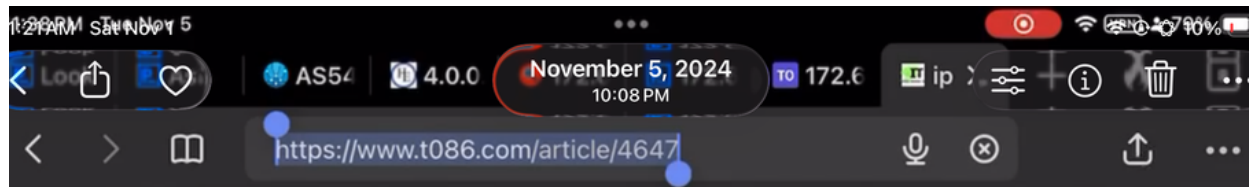
2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*

IP地址相关小知识 ip地址怎么改 abc类ip地址	- ip地址与网络上的其他系统有冲突怎么解决 - 如何查询ip地址
----------------------------------	---

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RunTime:0.39ms





如果您的电脑在一个局域网内，并且网卡IP地址是通过局域网的服务器自动分配的，在Windows 200等操作系统上，可以单击“开始”按钮，选择“附件”中的“命令提示符”，在命令行状态下输入“ipconfig /renew”，让系统释放当前的IP地址，重新获得一个新的地址。在Windows 98中，则可以单击“开始”按钮，选择“运行”，键入“winipcfg”，并在出现的对话框中选择释放当前IP，然后重新获取一个。如果您的IP地址是设置为固定IP地址的，如果是您自己设置的，可以另外设置一个，如果是由管理员分配的，那么您需要联系管理员，报告IP地址冲突的问题，要求更换IP地址或找出产生冲突的电脑进行修正。

如果您在单机情况下使用电脑，那么您需要检查自己所使用的设备中哪一个设备是冲突的原因，例如DSL调制解调器的IP地址是否与您的网卡IP地址相同等。

主要原因是，你的网卡设置的IP与其它机子的一样，就会出现这样的问题呀！

解决办法是：

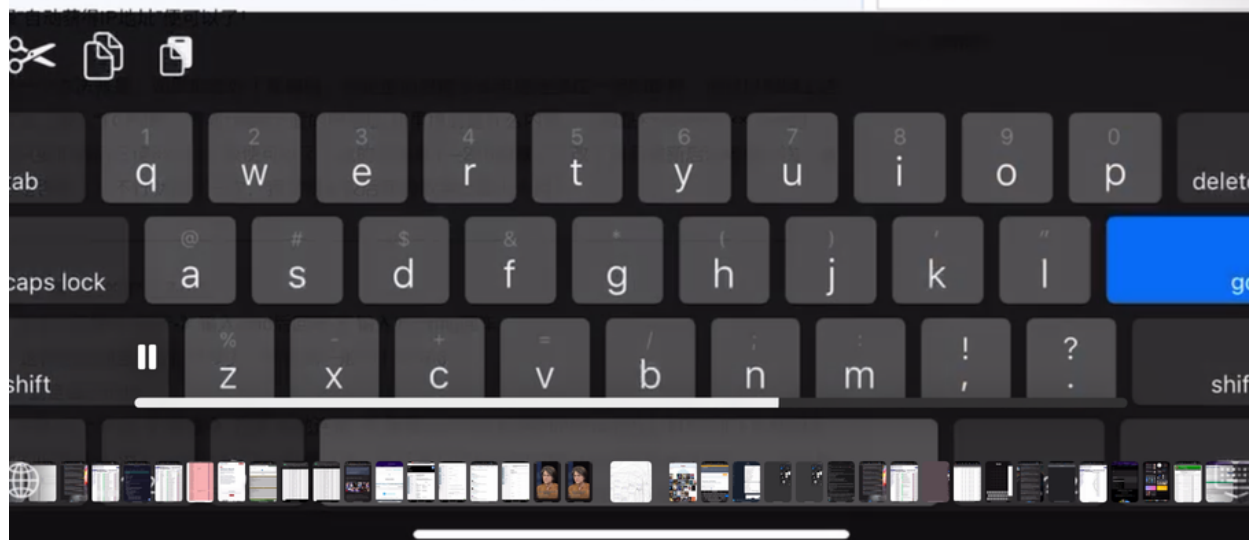
如果你是XP系统，点“开始”，然后“设置”，进入“网络连接”，然后找到“本地连接”，鼠标在本地连接那里点右键，进入“属性”，是不是看到一个叫“TCP/IP”的东西呢？用鼠标双击“TCP/IP”，进入以后选择“自动获得IP地址”便可以了！

Windows 2000系统是，点“开始”，然后“设置”，进入“网络和拨号连接”，然后找到“本地连接”，鼠标在本地连接那里点右键，进入“属性”，是不是看到一个叫“TCP/IP”的东西呢？用鼠标双击“TCP/IP”，进入以后选

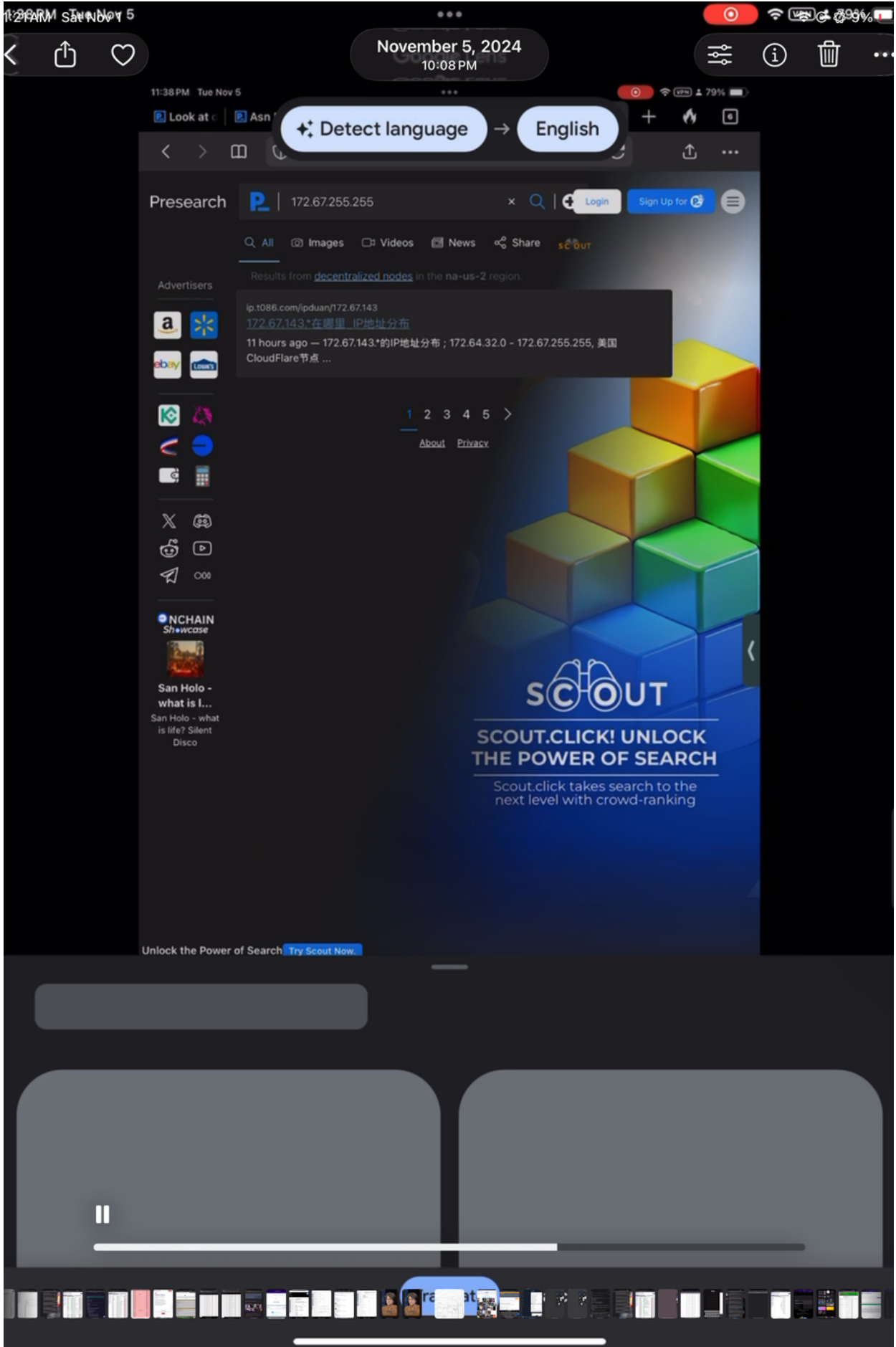
- 成语中的颜色
- 苹果电脑MACbook Air快捷键大全
- Google搜索从入门到精通v4.0
- 体会超级视觉震撼！带你从10亿光年到0.1微米
- 动易创始人栗维胜（Webboy）访谈记录
- 如何判断IP地址是A类B类还是C类
- 数字励志公式：1.01的365次方
- 出自水滸传的歇后语
- 歇后语造句
- 比YOUTUBE更好的五个国外视频分享网站

本周热门

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- 歇后语造句



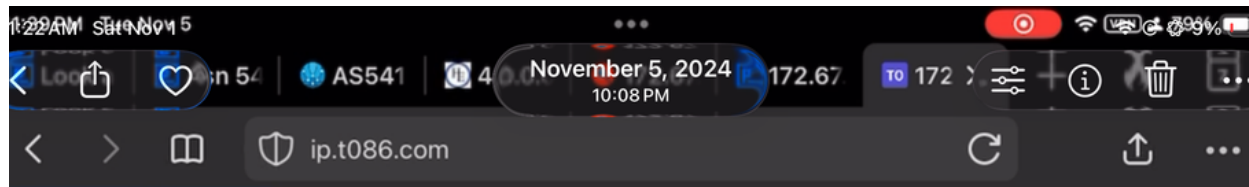










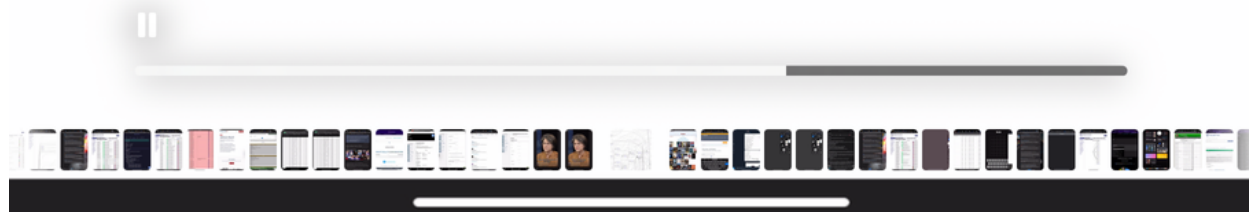


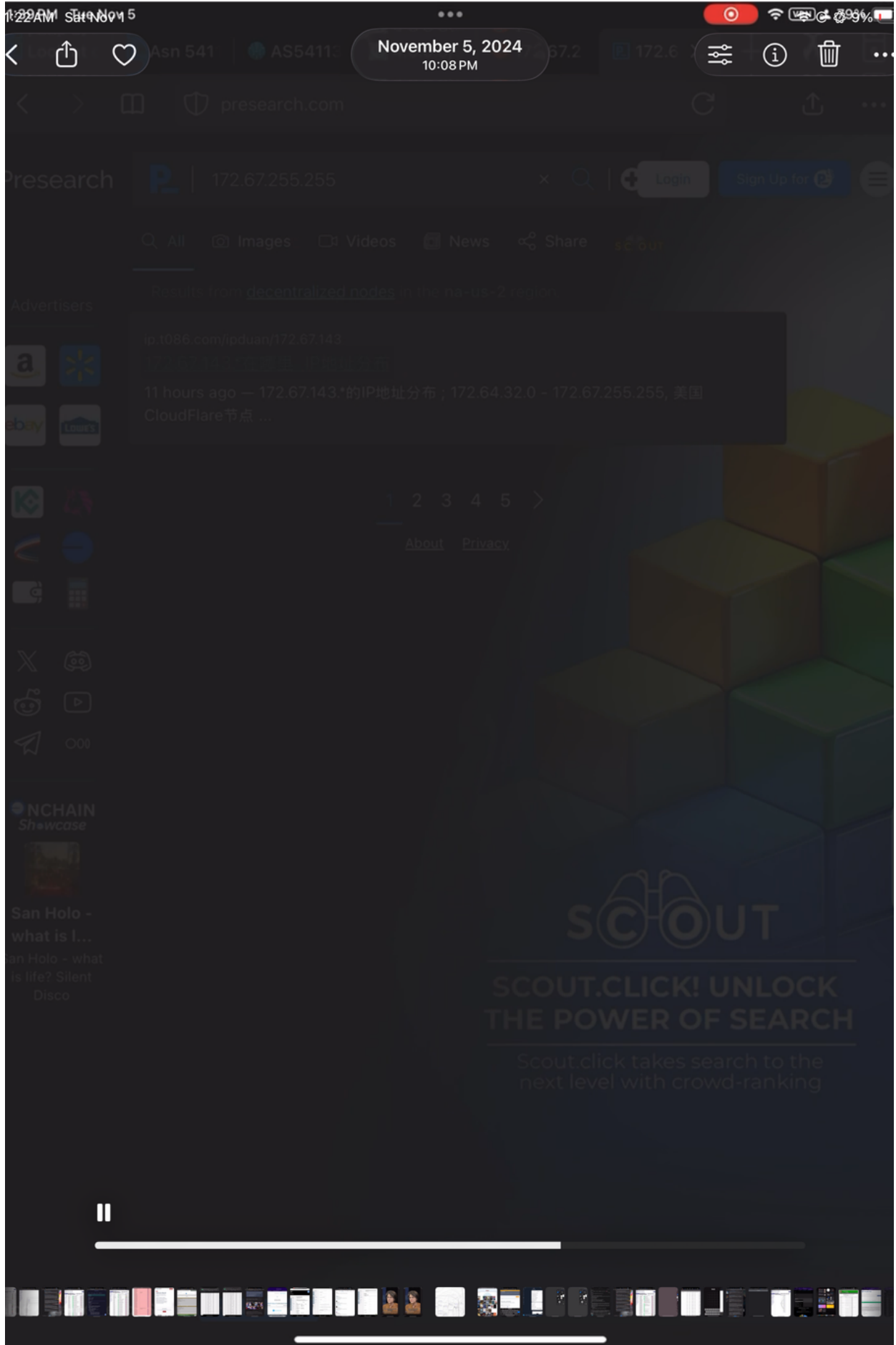
IT学习者 -> IP地址查询 -> 172.67.143.*的IP地址分布

172.67.143.*的IP地址分布

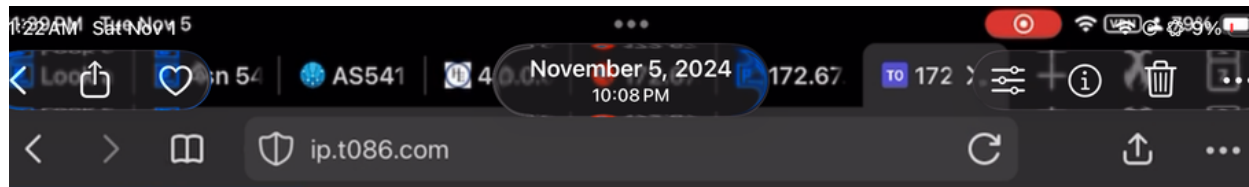
IP查询详细地址

范围		位置	
2.64.32.0 - 172.67.255.255		美国 CloudFlare节点	
2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*
IP地址相关小知识		- ip地址与网络上的其他系统有冲突怎么解决 - 如何查询ip地址	
ip地址怎么改			
abc类ip地址			









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172.67.143.*的IP地址分布

[IP查询详细地址](#)

范围		位置	
2.64.32.0 - 172.67.255.255		美国 CloudFlare节点	
2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*

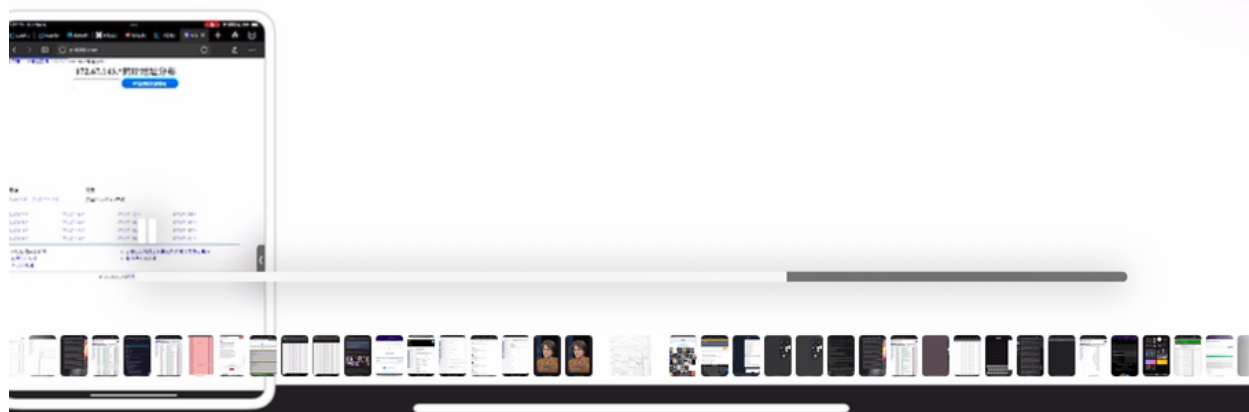
IP地址相关小知识

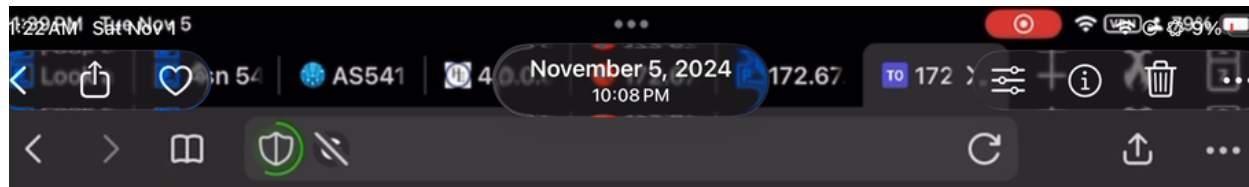
ip地址怎么改

abc类ip地址

- ip地址与网络上的其他系统有冲突怎么解决
- 如何查询ip地址

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IT学习者 -> IP地址查询 -> 172.67.143.*的IP地址分布

172.67.143.*的IP地址分布

IP查询详细地址

范围

位置

2.64.32.0 - 172.67.255.255

美国 CloudFlare节点

2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*

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RunTime:0.39ms





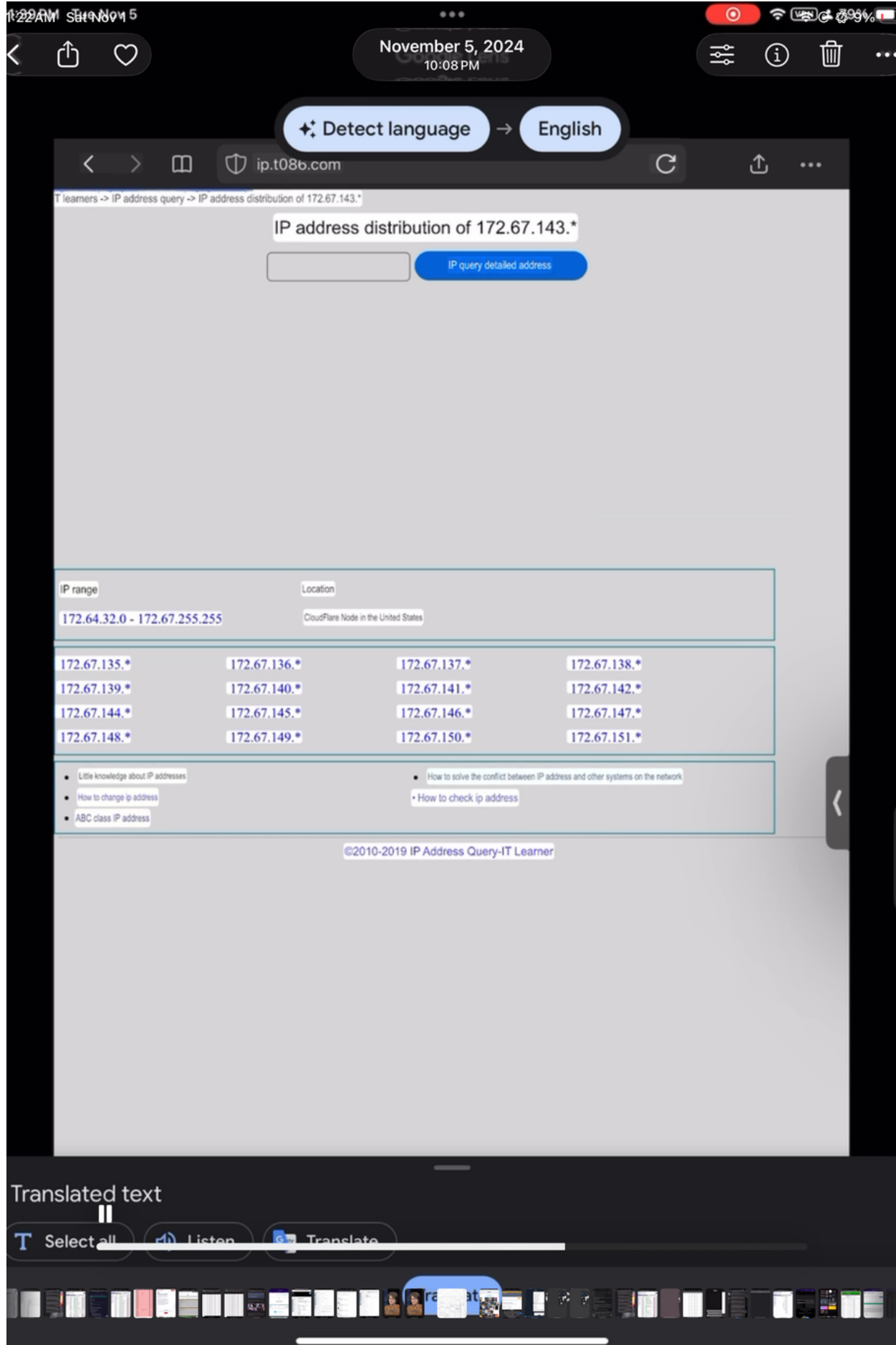
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172.67.143.*的IP地址分布

IP查询详细地址

范围		位置	
2.64.32.0 - 172.67.255.255		美国 CloudFlare节点	
2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*
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ip地址怎么改			
abc类ip地址			

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11:29 AM Sunday, November 5

IP address distribution of 172.67.143.*

November 5, 2024
10:08 PM

query detailed address

✦ Detect language

→

English

IP range

Location

172.64.32.0 - 172.67.255.255

CloudFlare Node in the United States

172.67.135.*

172.67.136.*

172.67.137.*

172.67.138.*

172.67.139.*

172.67.140.*

172.67.141.*

172.67.142.*

172.67.144.*

172.67.145.*

172.67.146.*

172.67.147.*

172.67.148.*

172.67.149.*

172.67.150.*

172.67.151.*

• Little knowledge about IP addresses

• How to change ip address

• ABC class IP address

• How to solve the conflict between IP address and other systems on the network

• How to check ip address

©2010-2019 IP Address Query-IT Learner

Translated text

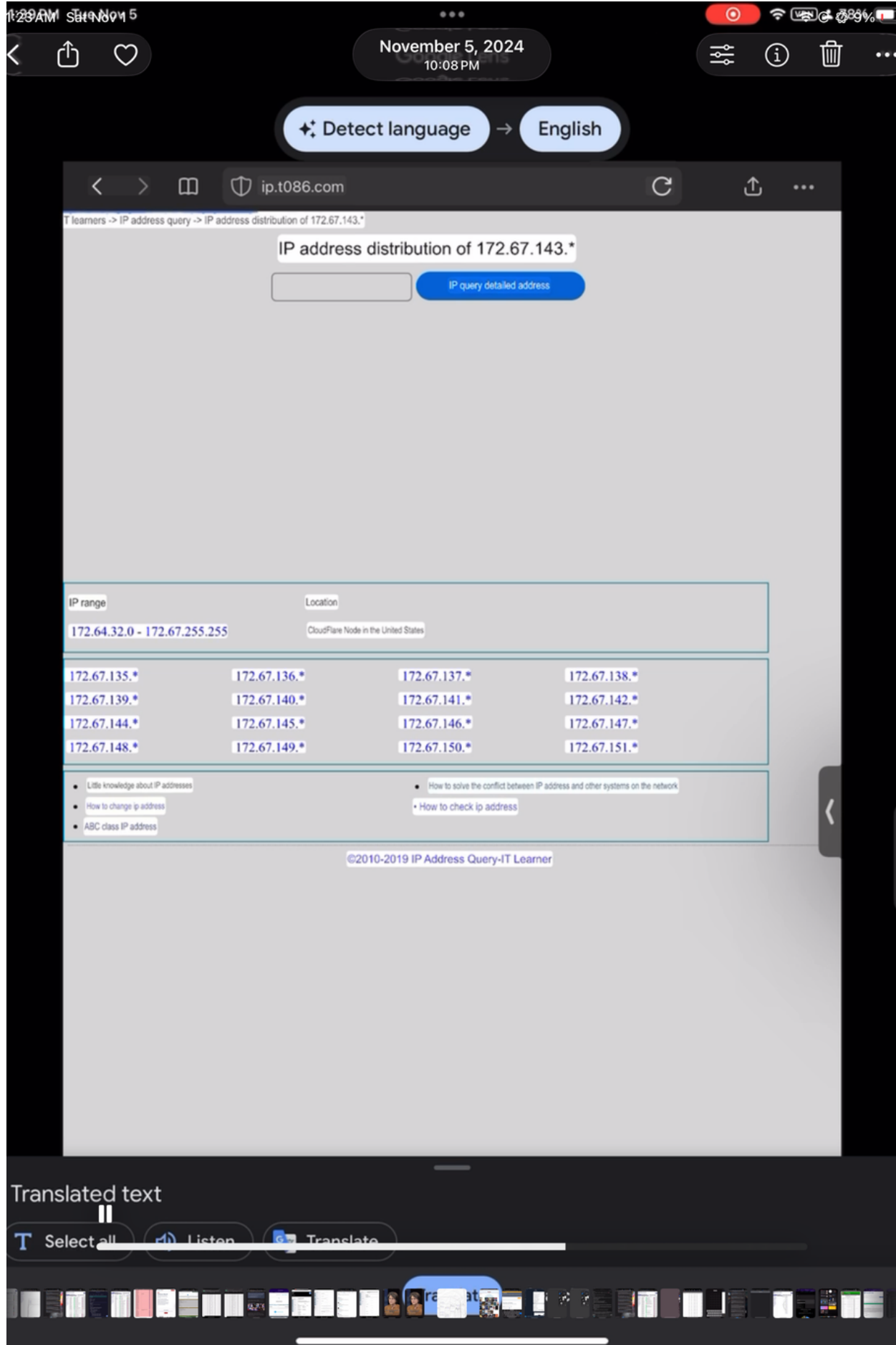
T Select all

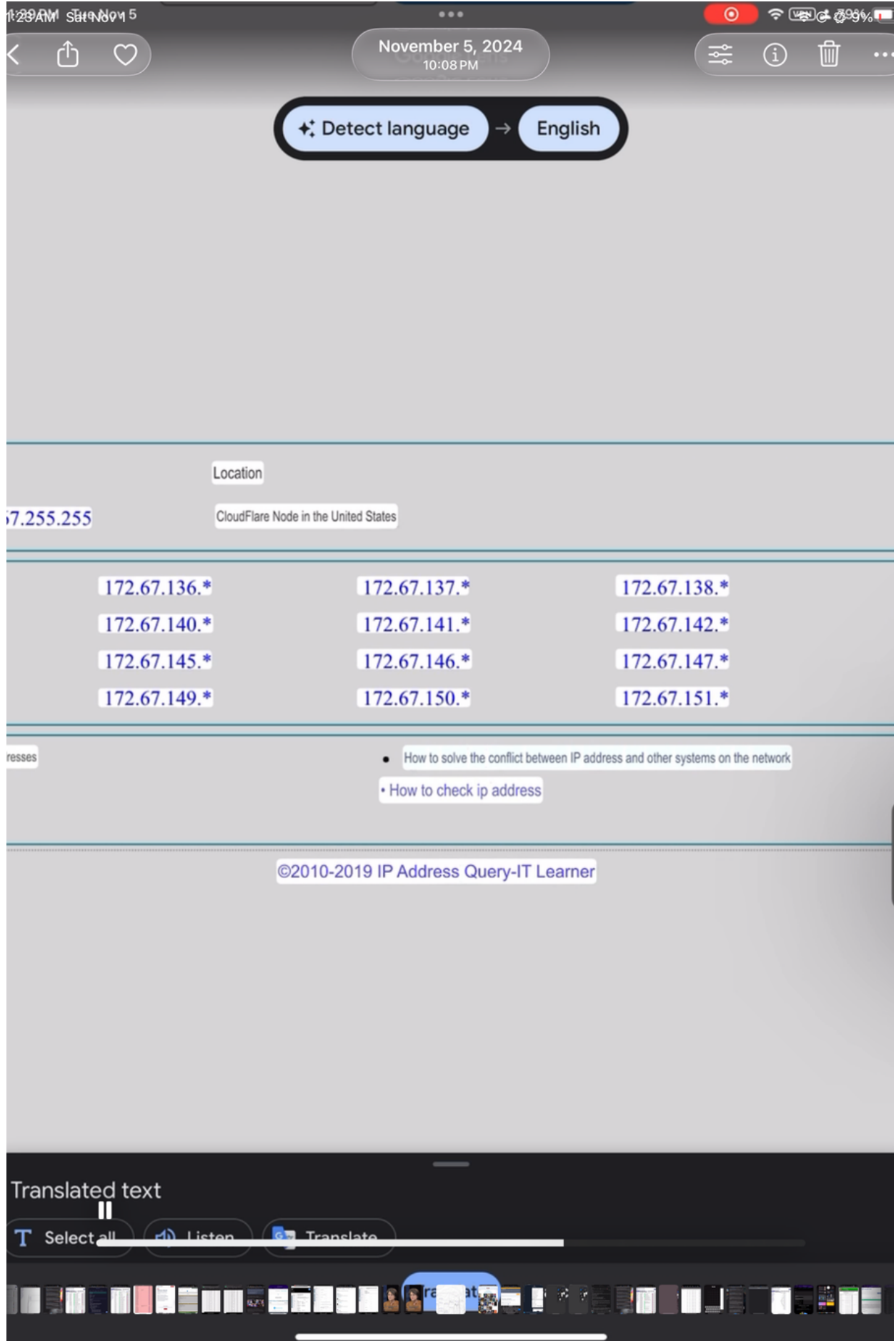
Listen

Translate

ra

at



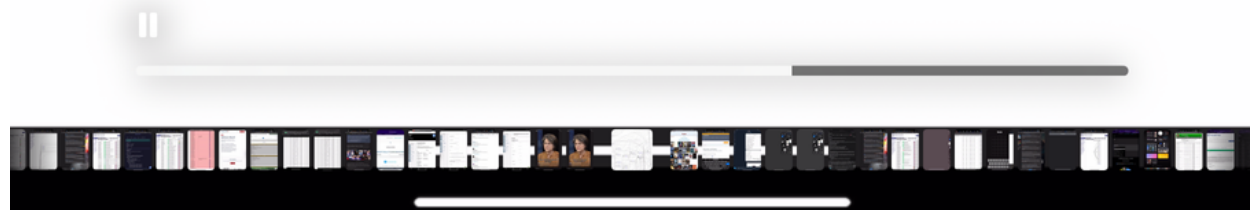


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172.67.143.*的IP地址分布

IP查询详细地址

范围		位置	
2.64.32.0 - 172.67.255.255		美国 CloudFlare节点	
2.67.135.*	172.67.136.*	172.67.137.*	172.67.138.*
2.67.139.*	172.67.140.*	172.67.141.*	172.67.142.*
2.67.144.*	172.67.145.*	172.67.146.*	172.67.147.*
2.67.148.*	172.67.149.*	172.67.150.*	172.67.151.*
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IP查询详细地址

范围

位置

2.64.32.0 - 172.67.255.255

美国 CloudFlare节点

2.67.135.*

172.67.136.*

172.67.137.*

172.67.138.*

2.67.139.*

172.67.140.*

172.67.141.*

172.67.142.*

2.67.144.*

172.67.145.*

172.67.146.*

172.67.147.*

2.67.148.*

172.67.149.*

172.67.150.*

172.67.151.*

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Set reminder

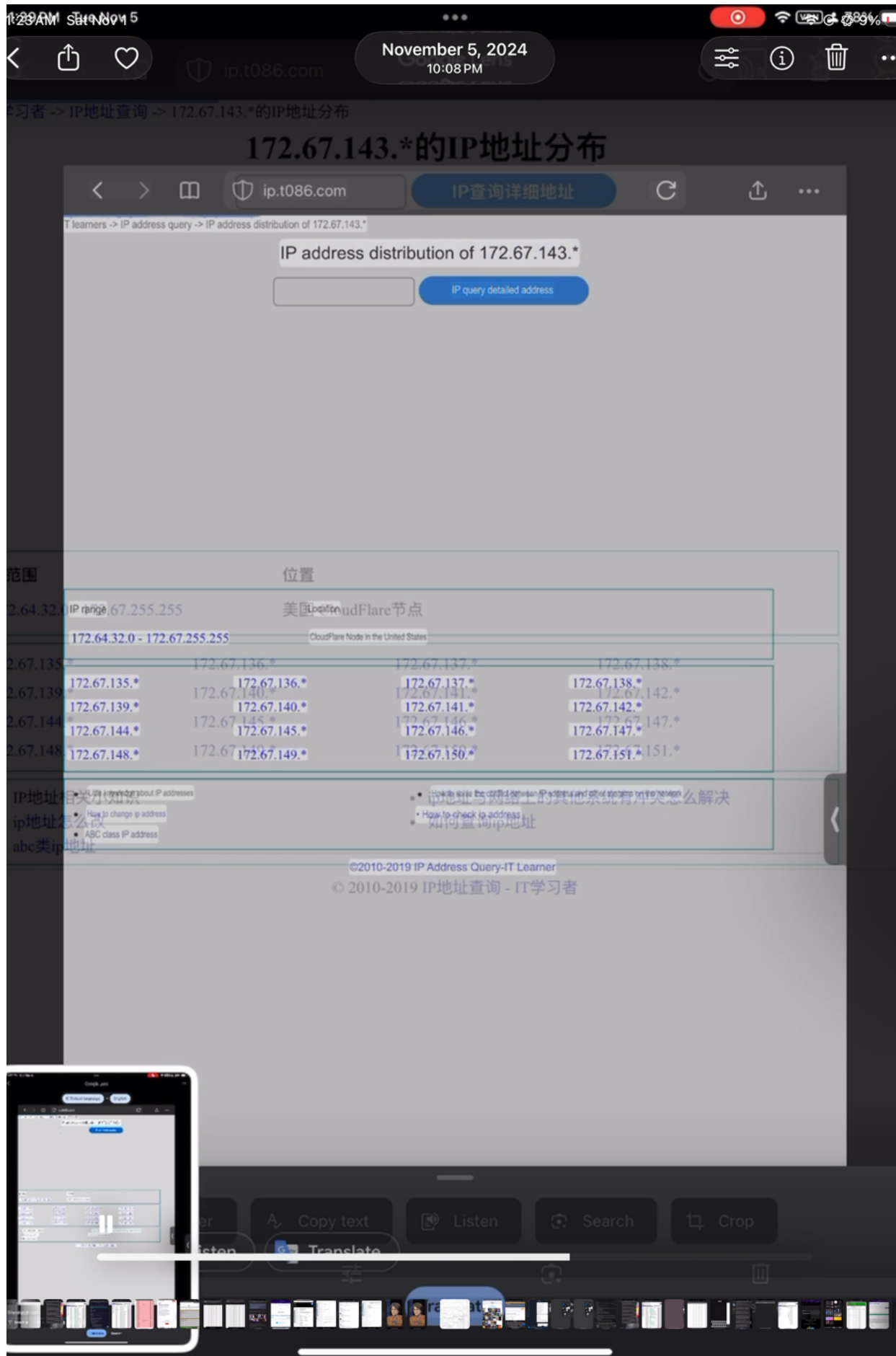
Copy text

Listen

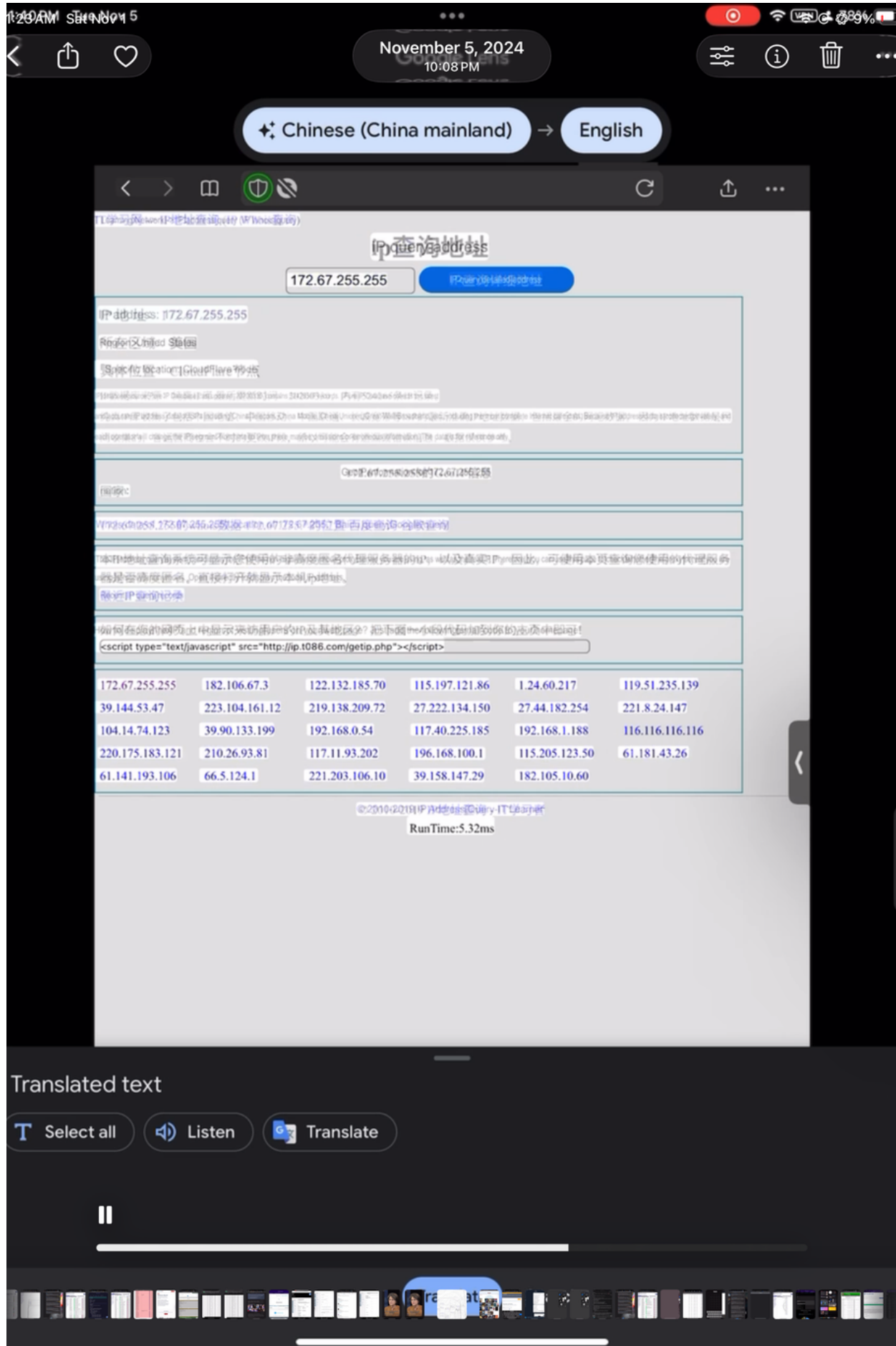
Search

Crop









11:29 AM Sunday, November 5, 202410:08 PM

< > ⬡ ⬡

Chinese (China mainland) → English

↙

Learning Network -> IP address query (IP Whois query)

IP query address

172.67.255.255

IP query detailed address

P address: 172.67.255.255

Region: United States

Specific location: CloudFlare node

database source: Pure IP Database Last updated: 20200330, contains 524265 IP records. | Pure IP Database collects the latest

id accurate IP address data of ISPs including China Telecom, China Mobile, China Unicom, Great Wall Broadband, etc., including the most complete Internet cafe data. Because IP address data is co

ch operator will change the IP segment from time to time, there may be omissions or erroneous information. The data is for reference only.

GeolIP information for 172.67.255.255

nation:

Whois data of 172.67.255.255 Location of 172.67.255.* Baidu query Google query

his IP address query system can display the IP of the non-highly anonymous proxy server you are using, as well as the real IP. Therefore, you can use this page to check whether the pr

sing is highly anonymous. Open it directly to display the local IP address.

Recent IP query records

ow to display the IP and region of visiting users on your web page? Just add the following small code to your homepage!

<script type="text/javascript" src="http://ip.t086.com/getip.php"></script>

172.67.255.255	182.106.67.3	122.132.185.70	115.197.121.86	1.24.60.217	119.51.23
39.144.53.47	223.104.161.12	219.138.209.72	27.222.134.150	27.44.182.254	221.8.24.1
104.14.74.123	39.90.133.199	192.168.0.54	117.40.225.185	192.168.1.188	116.116.1
220.175.183.121	210.26.93.81	117.11.93.202	196.168.100.1	115.205.123.50	61.181.43
61.141.193.106	66.5.124.1	221.203.106.10	39.158.147.29	182.105.10.60	

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RunTime:5.32ms

Translated text

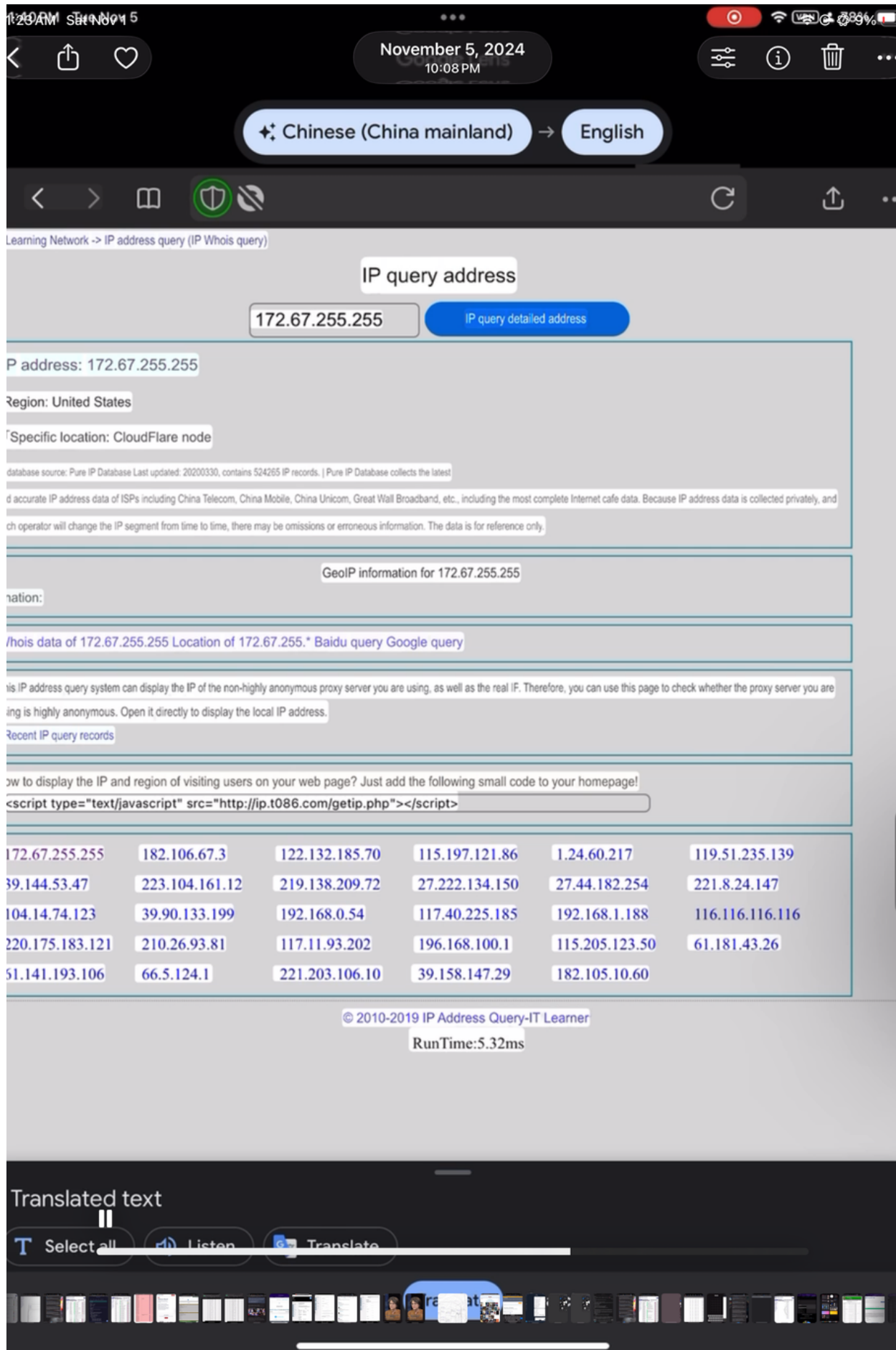
T Select all

⬡ Listen

⬡ Translate

ra

at



11:29 AM Sunday, November 5, 2024

November 5, 2024 10:08 PM

Chinese (China mainland) → English

< > Bookmarks

🔒

🔄

📶

Learning Network -> IP address query (IP Whois query)

IP query address

172.67.255.255

IP query detailed address

IP address: 172.67.255.255

Region: United States

Specific location: CloudFlare node

database source: Pure IP Database Last updated: 20200330, contains 524265 IP records. | Pure IP Database collects the latest accurate IP address data of ISPs including China Telecom, China Mobile, China Unicom, Great Wall Broadband, etc., including the most complete Internet cafe data. Because IP address data is collected privately, and each operator will change the IP segment from time to time, there may be omissions or erroneous information. The data is for reference only.

GeolIP information for 172.67.255.255

nation:

Whois data of 172.67.255.255 Location of 172.67.255.* Baidu query Google query

This IP address query system can display the IP of the non-highly anonymous proxy server you are using, as well as the real IP. Therefore, you can use this page to check whether the proxy server you are using is highly anonymous. Open it directly to display the local IP address.

Recent IP query records

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172.67.255.255	182.106.67.3	122.132.185.70	115.197.121.86	1.24.60.217	119.51.235.139
39.144.53.47	223.104.161.12	219.138.209.72	27.222.134.150	27.44.182.254	221.8.24.147
104.14.74.123	39.90.133.199	192.168.0.54	117.40.225.185	192.168.1.188	116.116.116.116
220.175.183.121	210.26.93.81	117.11.93.202	196.168.100.1	115.205.123.50	61.181.43.26
51.141.193.106	66.5.124.1	221.203.106.10	39.158.147.29	182.105.10.60	

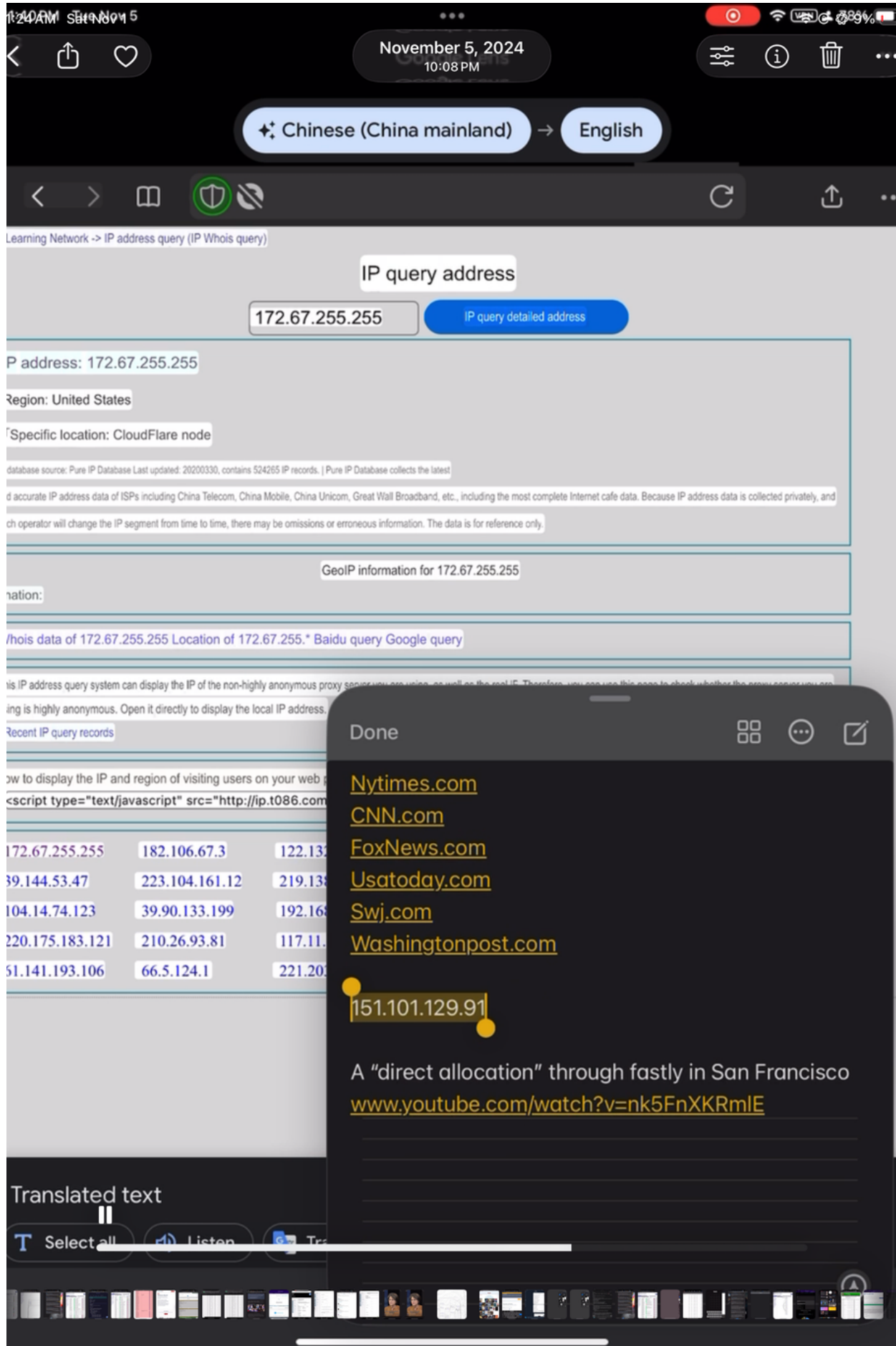
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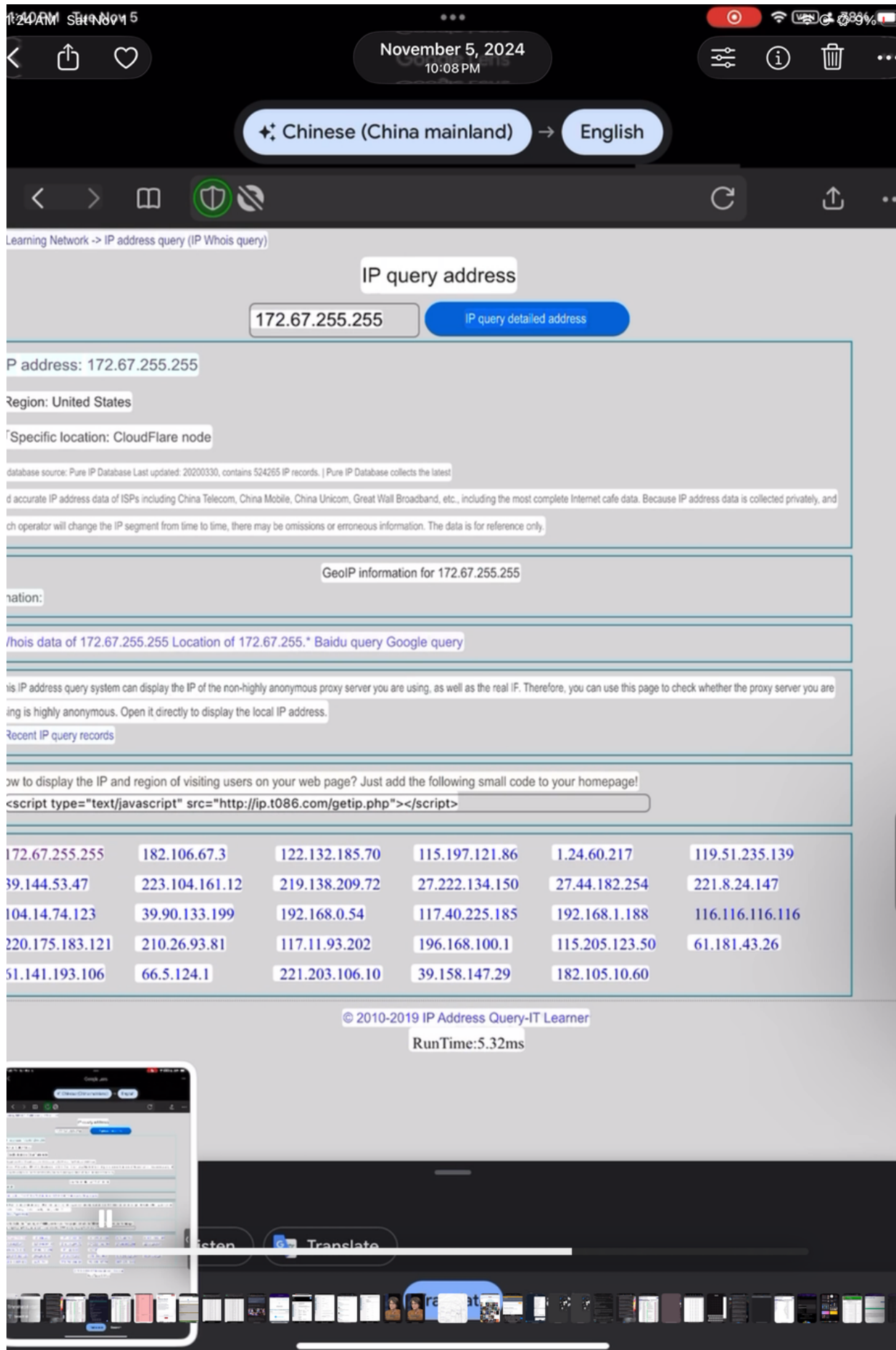
RunTime:5.32ms

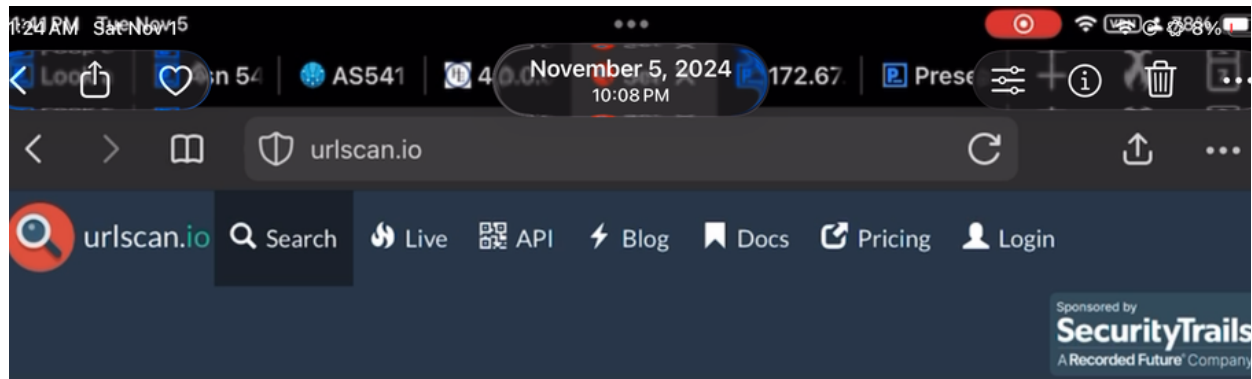
Translated text

Select all Listen Translate

Taskbar with application icons





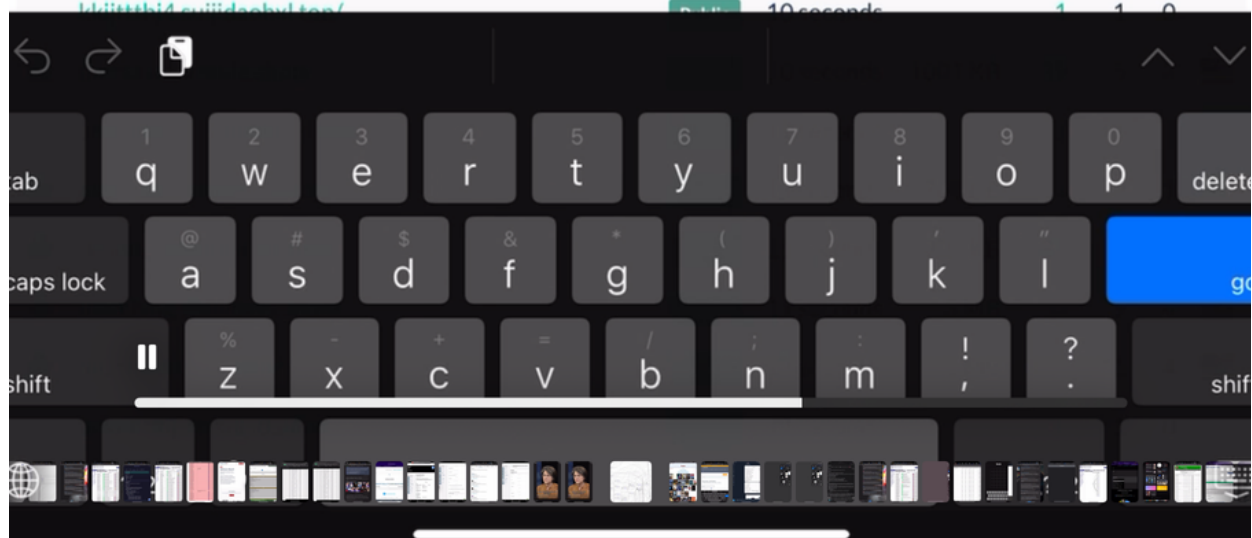


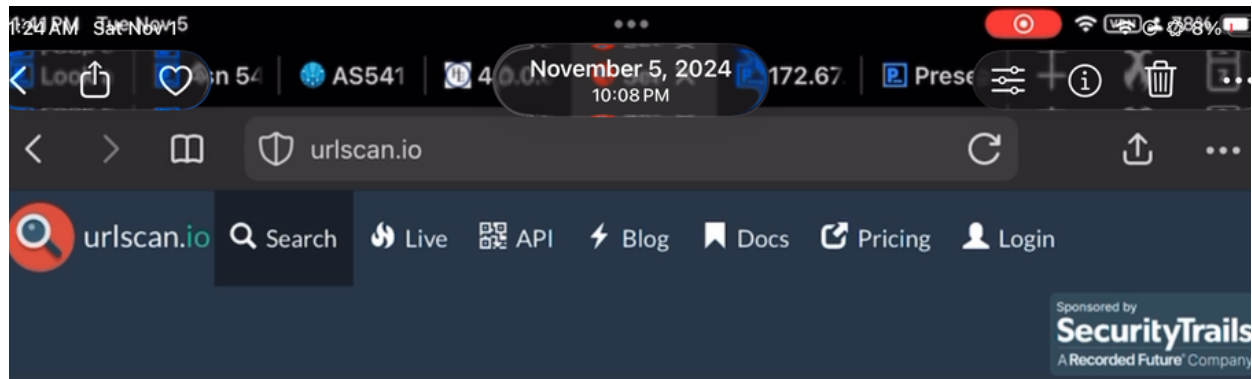
Search for domains, IPs, filenames, hashes, ASNs

Search results (100 / 10000+)

Showing All Hits Details: Hidden

URL	Age	Size	IPs	
www.africanbushcampsfoundation.org/	Public 7 seconds	3 MB	51	11 2
kteilnd.casinoshow.shop/	Public 7 seconds	1 MB	40	5 3
6r4bycsdpf.suijidaohxl.top/	Public 8 seconds		1	1 0
tpdmxwafgt.suijidaohxl.top/	Public 8 seconds		1	1 0
upthespine.com/	Public 9 seconds	1 KB	2	1 1
mdzsaan2h.suijidaohxl.top/	Public 9 seconds		1	1 0
wcbad3dzhf.suijidaohxl.top/	Public 9 seconds		1	1 0
adultfinderv7k.com/?utm_source=dqCaGY3uO68Hd	Public 10 seconds	162 KB	7	5 1
rx9o7u.thevrindavanproject.in/	Public 10 seconds	121 KB	232	2 1
www.www.auvrides.alarma-movistar.click/	Public 10 seconds	81 KB	9	5 2





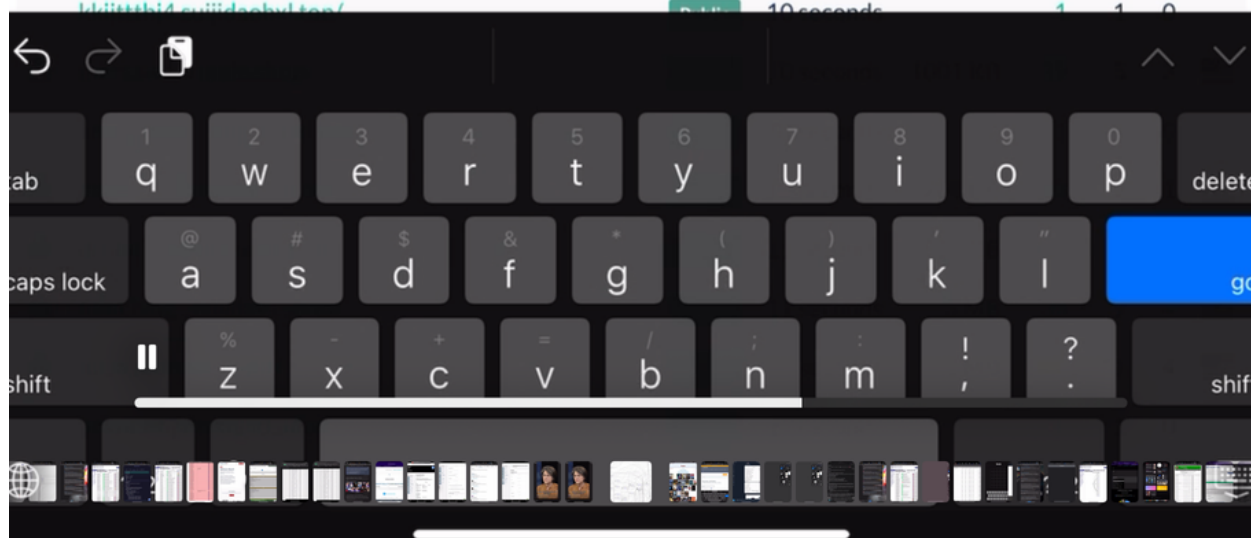
Search for domains, IPs, filenames, hashes, ASNs

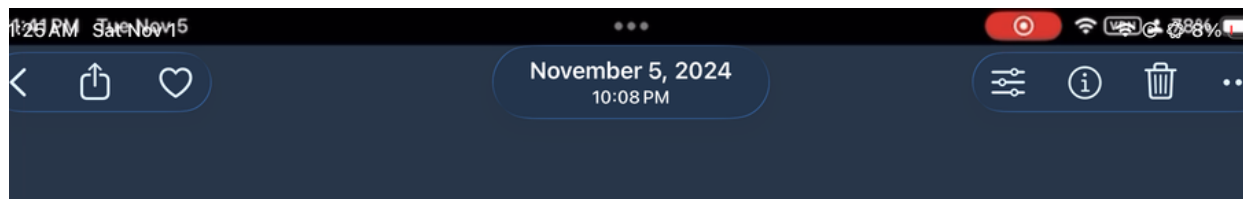
Pf- Search × Help

Search results (100 / 10000+)

Showing All Hits Details: Hidden

URL	Age	Size	IPs	
www.africanbushcampsfoundation.org/	Public 7 seconds	3 MB	51	11 2
kteilnd.casinoshow.shop/	Public 7 seconds	1 MB	40	5 3
6r4bycsdpf.suijidaohxl.top/	Public 8 seconds		1	1 0
tpdmxwafgt.suijidaohxl.top/	Public 8 seconds		1	1 0
upthespine.com/	Public 9 seconds	1 KB	2	1 1
mdzsaan2h.suijidaohxl.top/	Public 9 seconds		1	1 0
wcbad3dzhf.suijidaohxl.top/	Public 9 seconds		1	1 0
adultfinderv7k.com/?utm_source=dqCaGY3uO68Hd	Public 10 seconds	162 KB	7	5 1
rx9o7u.thevrindavanproject.in/	Public 10 seconds	121 KB	232	2 1
www.www.auvrides.alarma-movistar.click/	Public 10 seconds	81 KB	9	5 2
ldlthtth14.suijidaohxl.top/	Public 10 seconds		1	1 0





Search for domain

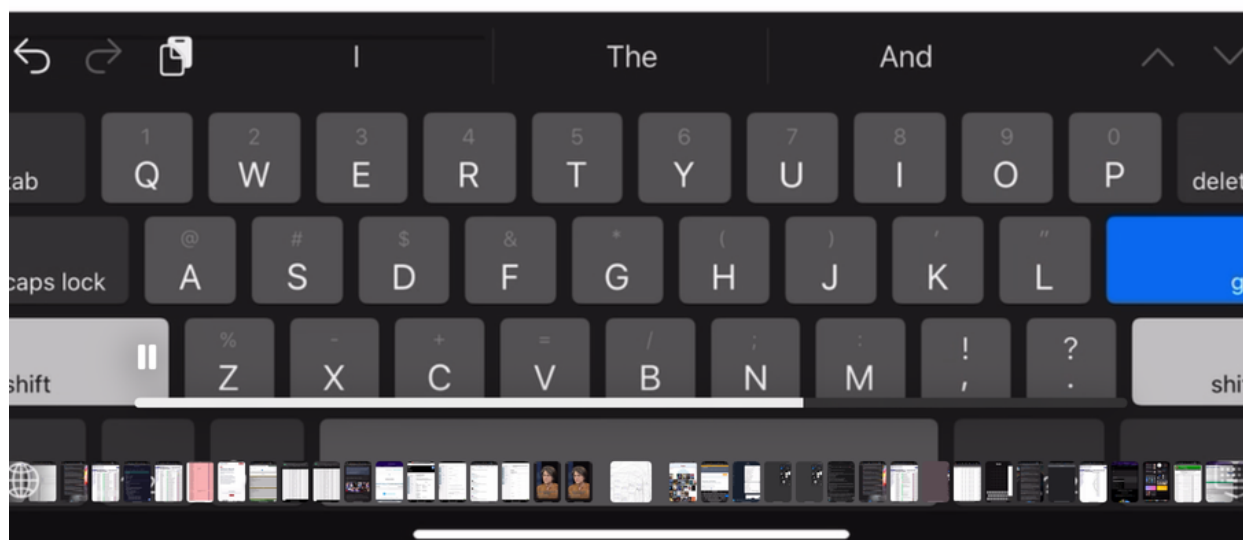
Pf-r-c.org

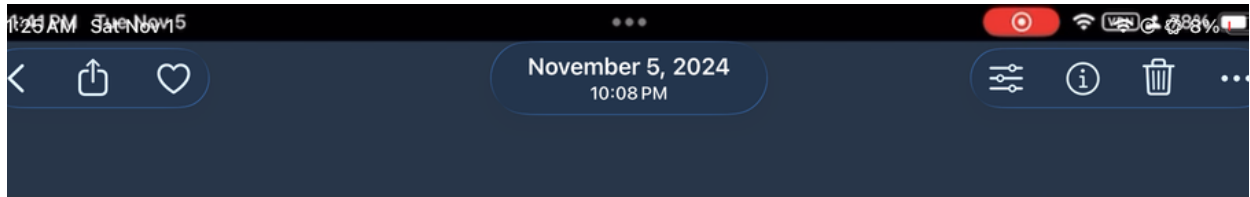
Search results (0 / 0)



URL

Age





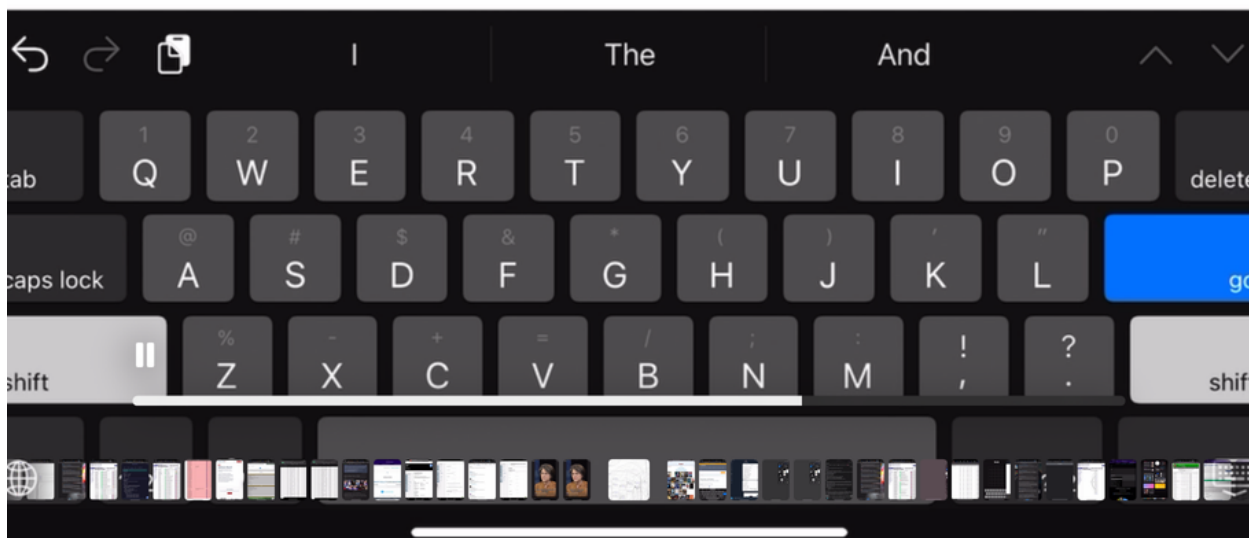
Search for domain

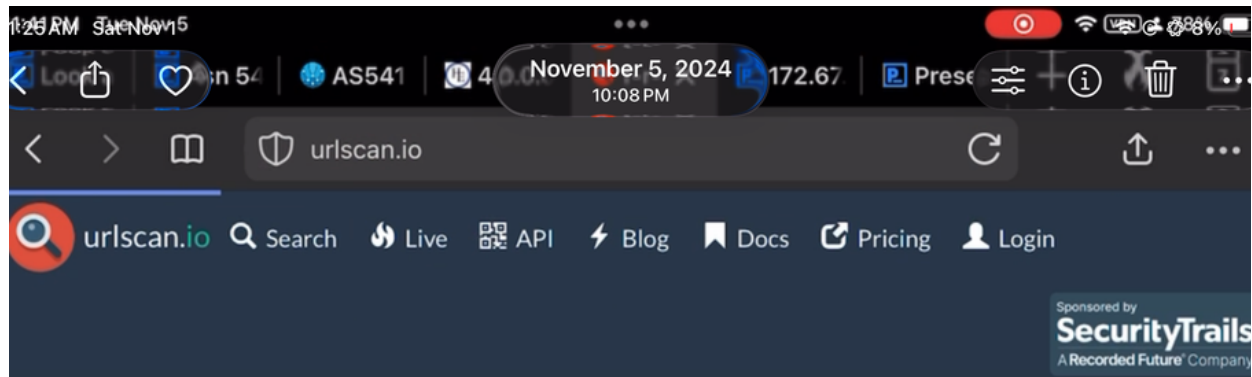
Search results (0 / 0)



URL

Age





f-r-c.org

172.67.209.97 Public Scan

[Lookup](#) [Go To](#) [Rescan](#) [Add Verdict](#) [Report](#)

Submitted URL:

<http://f-r-c.org/>

Effective URL:

<https://f-r-c.org/>

Submission: On October 24 via manual from [US](#) — Scanned from [DE](#)

[Home](#) [API](#) [Behaviour](#) [Indicators](#) [Similar](#) [DOM](#) [Content](#) [API](#) [Verdicts](#)

Summary

This website contacted 7 IPs in 4 countries across 7 domains to perform 24 HTTP transactions. The main IP is 172.67.209.97, located in United States and belongs to CLOUDFLARENET, US. The main domain is f-r-c.org. TLS certificate: Issued by WE1 on September 12th 2024. Valid for: 3 months.

This is the only time f-r-c.org was scanned on urlscan.io!

urlscan.io Verdict: No classification

Live information

Domain & IP information

IP/ASNs	IP Detail	Domains	Domain Tree	Links	Certs	Frames
	IP Address	AS Autonomous System				
15	172.67.209.97	13335 (CLOUDFLARENET)				
2	2404:2280:1cc:0:715::3fb	24429 (TAOBAO Zhejiang Taobao Network Co.)				
1	2a00:1450:4001:80b::2008	15169 (GOOGLE)				
3	216.83.41.85	152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited)				
1	183.240.98.228	56040 (CMNET-GUANGDONG-AP China Mobile communications corporation)				
1	172.67.166.174	13335 (CLOUDFLARENET)				
1	2001:4860:4802:32::36	15169 (GOOGLE)				

11:29 AM Sat Nov 15

4001:80b::2008 15169 November 5, 2024 10:08 PM

3

216.83.41.85

15169 (CTGSERVERLIMITED-AS-AP CTG Server Limited)

1

183.240.98.228

56040 (CMNET-GUANGDONG-AP China Mobile communications corporation)

1

172.67.166.174

13335 (CLOUDFLARENET)

1

2001:4860:4802:32::36

15169 (GOOGLE)

24

7

Screenshot



Page Title

最准三码中特真准,港澳开奖网站2024澳门,澳门6合和彩官网资料查询,四肖八码期期准精准ノ一,正版蓝月亮资料大全,新澳门网站资料,澳门六和彩开奖结果资料查询2024年,澳门四肖四码期期准+四

Page URL History

1. <http://f-r-c.org/> HTTP 307
- <https://f-r-c.org/> Page URL

Detected technologies

- Baidu Analytics (百度统计)

Expand
- Google Analytics

Expand
- Google Tag Manager

Expand
- jQuery

Expand

Page Statistics

24

Requests

100 %

HTTPS

43 %

IPv6

7

Domains

7

Subdomains

7

IPs

4

Countries

975 kB

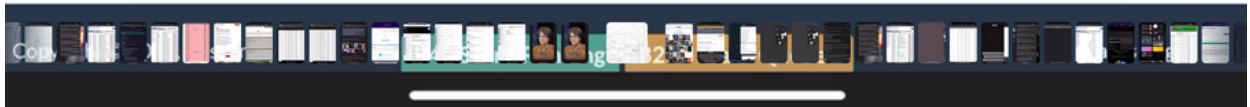
Transfer

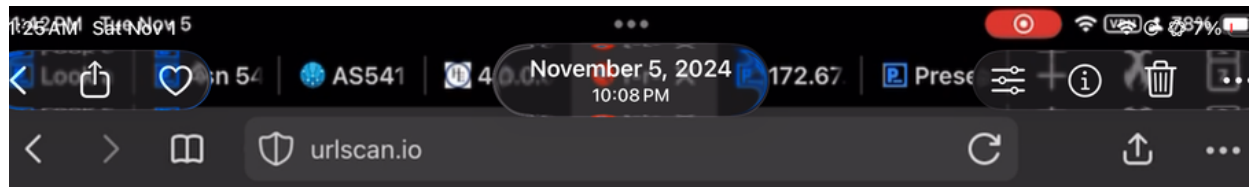
1282 kB

Size

3

Cookies





Live information

Google Safe Browsing: No classification for *f-r-c.org*
Current DNS A record: 172.67.209.97 (AS13335 - CLOUDFLARENET, US)
Domain created: November 10th 2023, 09:15:26 (UTC)
Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

[IP/ASNs](#) [IP Detail](#) [Domains](#) [Domain Tree](#) [Links](#) [Certs](#) [Frames](#)

Apex Domain		Transfer
↔	Subdomains	
15	f-r-c.org  f-r-c.org	105 KB
3	349tk002.com  h5.349tk002.com	759 KB
2	alicdn.com  at.alicdn.com — Cisco Umbrella Rank: 17790	3 KB
1	google-analytics.com  region1.google-analytics.com — Cisco Umbrella Rank: 3643	
1	kj123123.com  kj123123.com	
1	baidu.com  hm.baidu.com — Cisco Umbrella Rank: 13307	175 B
1	googletagmanager.com  www.googletagmanager.com — Cisco Umbrella Rank: 39	107 KB

24 7

Screenshot

[Live screenshot](#) [Full Image](#)



11:42 PM Tue Nov 5

Live information

Google Safe Browsing: ✔ No classification for f-r-c.org
Current DNS A record: 172.67.209.97 (AS13335 - CLOUDFLARENET, US)
Domain created: November 10th 2023, 09:15:26 (UTC)
Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

15 🇺🇸 172.67.209.97 (United States)
ASN13335 (CLOUDFLARENET, US)
f-r-c.org

Lookup ▾
Domain lookup ▾

2 🇸🇬 2404:2280:1cc:0:715::3fb (Singapore)
ASN24429 (TAOBAO Zhejiang Taobao Network Co.,Ltd, CN)
at.alicdn.com

Lookup ▾
Domain lookup ▾

1 🇩🇪 2a00:1450:4001:80b::2008 (Frankfurt am Main, Germany)
ASN15169 (GOOGLE, US)
www.googletagmanager.com

Lookup ▾
Domain lookup ▾

3 🇺🇸 216.83.41.85 (United States)
ASN152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited, HK)
h5.349tk002.com

Lookup ▾
Domain lookup ▾

1 🇨🇳 183.240.98.228 (China)
ASN56040 (CMNET-GUANGDONG-AP China Mobile communications corporation, CN)
hm.baidu.com

Lookup ▾
Domain lookup ▾

1 🇺🇸 172.67.166.174 (United States)
ASN13335 (CLOUDFLARENET, US)
kj123123.com

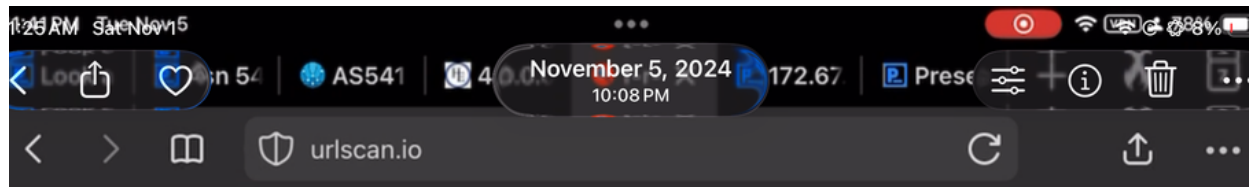
Lookup ▾
Domain lookup ▾

1 🇺🇸 2001:4860:4802:32::36 (United States)
ASN15169 (GOOGLE, US)
region1.google-analytics.com

Lookup ▾
Domain lookup ▾

Screenshot

Live screenshot Full Image



Submitted URL: <http://f-r-c.org/>
Effective URL: <https://f-r-c.org/>
Submission: On October 24 via manual from US — Scanned from DE

[Lookup](#) [Go To](#) [Rescan](#) [Add Verdict](#) [Report](#)

[Home](#) [Behaviour](#) [Indicators](#) [Similar](#) [DOM](#) [Content](#) [API](#) [Verdicts](#)

Summary

This website contacted 7 IPs in 4 countries across 7 domains to perform 24 HTTP transactions. The main IP is 172.67.209.97, located in United States and belongs to CLOUDFLARENET, US. The main domain is f-r-c.org. TLS certificate: Issued by WE1 on September 12th 2024. Valid for: 3 months.

This is the only time f-r-c.org was scanned on urlscan.io!

urlscan.io Verdict: No classification

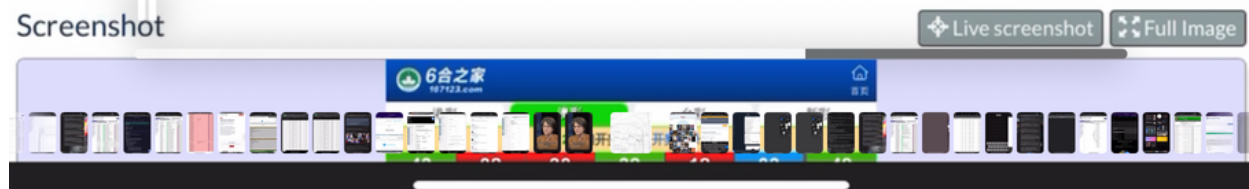
Live information

Google Safe Browsing: No classification for f-r-c.org
Current DNS A record: 172.67.209.97 (AS13335 - CLOUDFLARENET, US)
Domain created: November 10th 2023, 09:15:26 (UTC)
Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

IP/ASNs	IP Detail	Domains	Domain Tree	Links	Certs	Frames
	IP Address	AS Autonomous System				
15	172.67.209.97	13335 (CLOUDFLARENET)				
2	2404:2280:1cc:0:715::3fb	24429 (TAOBAO Zhejiang Taobao Network Co.)				
1	2a00:1450:4001:80b::2008	15169 (GOOGLE)				
3	216.83.41.85	152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited)				
1	183.240.98.228	56040 (CMNET-GUANGDONG-AP China Mobile communications corporation)				
1	172.67.166.174	13335 (CLOUDFLARENET)				
1	2001:4860:4802:32::36	15169 (GOOGLE)				
24	7					

Screenshot



11:23 AM Sunday, November 5, 202410:08 PM

Google Safe Browsing: ✔ No classification for f-r-c.org

Current DNS A record: 172.67.209.97 (AS13335 - CLOUDFLARENET, US)

Domain created: November 10th 2023, 09:15:26 (UTC)

Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

15		172.67.209.97 (United States)	Lookup
ASN13335 (CLOUDFLARENET, US)			
f-r-c.org			
Domain lookup			
2		2404:2280:1cc:0:715::3fb (Singapore)	Lookup
ASN24429 (TAOBAO Zhejiang Taobao Network Co.,Ltd, CN)			
at.alicdn.com			
Domain lookup			
1		2a00:1450:4001:80b::2008 (Frankfurt am Main, Germany)	Lookup
ASN15169 (GOOGLE, US)			
www.googletagmanager.com			
Domain lookup			
3		216.83.41.85 (United States)	Lookup
ASN152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited, HK)			
h5.349tk002.com			
Domain lookup			
1		183.240.98.228 (China)	Lookup
ASN56040 (CMNET-GUANGDONG-AP China Mobile communications corporation, CN)			
hm.baidu.com			
Domain lookup			
1		172.67.166.174 (United States)	Lookup
ASN13335 (CLOUDFLARENET, US)			
kj123123.com			
Domain lookup			
1		2001:4860:4802:32::36 (United States)	Lookup
ASN15169 (GOOGLE, US)			
region1.google-analytics.com			
Domain lookup			

Screenshot

Live screenshot Full Image



Summary

This website contacted 7 IPs in 4 countries across 7 domains to perform 24 HTTP transactions. The main IP is 172.67.209.97, located in United States and belongs to CLOUDFLARENET, US. The main domain is f-r-c.org. TLS certificate: Issued by WE1 on September 12th 2024. Valid for: 3 months.

This is the only time f-r-c.org was scanned on urlscan.io!

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for f-r-c.org
Current DNS A record: 172.67.209.97 (AS13335 - CLOUDFLARENET, US)
Domain created: November 10th 2023, 09:15:26 (UTC)
Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

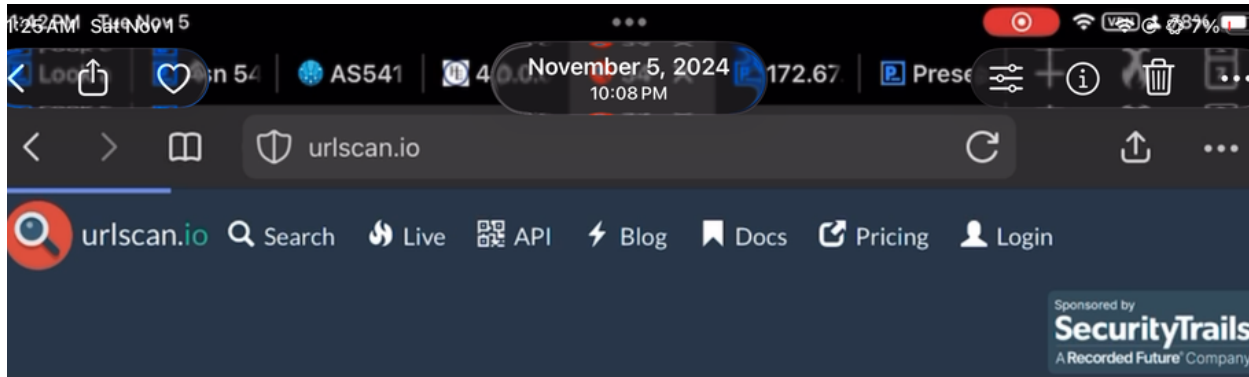
IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

	IP Address	AS Autonomous System
15	172.67.209.97	13335 (CLOUDFLARENET)
2	2404:2280:1cc:0:715::3fb	24429 (TAOBAO Zhejiang Taobao Network Co.)
1	2a00:1450:4001:80b::2008	15169 (GOOGLE)
3	216.83.41.85	152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited)
1	183.240.98.228	56040 (CMNET-GUANGDONG-AP China Mobile communications corporation)
1	172.67.166.174	13335 (CLOUDFLARENET)
1	2001:4860:4802:32::36	15169 (GOOGLE)
24	7	

Screenshot

Live screenshot Full Image





349tk002.com

AMAZON-02, US

Seen 34 times between October 26th, 2023 and October 24th, 2024.

General Info

[Open in Search](#)

Geo  United States (US) —

AS **AS16509** - AMAZON-02, US

Note: An IP might be announced by multiple ASs. This is not shown.

Registrar ARIN

Route **13.32.120.0/23** (Route of ASN)

PTR **server-13-32-121-113.fra60.r.cloudfront.net** (PTR record of primary IP)

IPv4 **13.32.121.113** **13.32.121.10** **13.32.121.61** **13.32.121.34**

IPv6 **2600:9000:236e:2400:e:c5cb:b600:93a1** **2600:9000:2240:de00:e:c5cb:b600:93a1**
2600:9000:2240:cc00:e:c5cb:b600:93a1 **2600:9000:2240:6c00:e:c5cb:b600:93a1**
2600:9000:2240:6e00:e:c5cb:b600:93a1 **2600:9000:2240:5a00:e:c5cb:b600:93a1**
2600:9000:2240:9400:e:c5cb:b600:93a1 **2600:9000:2240:5600:e:c5cb:b600:93a1**

Live Screenshot [Hover to expand](#)

Attention: This is a live snapshot of this website, we do not host or control it!

No direct hits

Nothing is hosted on this domain

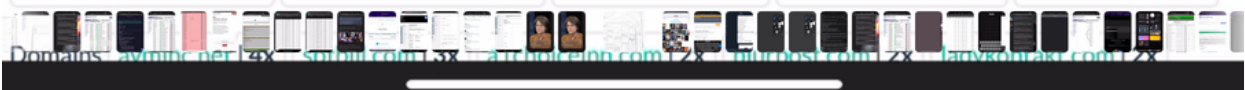
Incoming hits

Summary of pages that talked to this domain

ASNs **AS13335** | 22x **AS139659** | 6x **AS4594** | 3x **AS138152** | 2x **AS397086** | 1x

IPs **188.114.97.3** | 5x **45.152.64.89** | 3x **172.67.214.208** | 3x **103.143.73.147** | 2x **188.114.96.3** | 2x

2a06:98c1:3120::3 | 2x **2a06:98c1:3121::3** | 2x **43.225.100.23** | 1x **43.225.100.135** | 1x **45.152.67.69** | 1x



Summary

This website contacted **7 IPs** in **4 countries** across **7 domains** to perform **24 HTTP transactions**. The main IP is **172.67.209.97**, located in **United States** and belongs to **CLOUDFLARENET, US**. The main domain is **f-r-c.org**.
TLS certificate: Issued by **WE1** on September 12th 2024. Valid for: 3 months.

This is the only time **f-r-c.org** was scanned on urlscan.io!

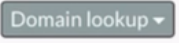
urlscan.io Verdict: No classification 

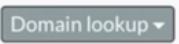
Live information

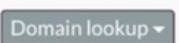
Google Safe Browsing:  No classification for **f-r-c.org**
Current DNS A record: **172.67.209.97** (AS13335 - CLOUDFLARENET, US)
Domain created: November 10th 2023, 09:15:26 (UTC)
Domain registrar: DropCatch.com 1370 LLC

Domain & IP information

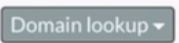
IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

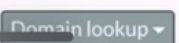
15  172.67.209.97 (United States) 
ASN13335 (CLOUDFLARENET, US)
f-r-c.org 

2  2404:2280:1cc:0:715::3fb (Singapore) 
ASN24429 (TAOBAO Zhejiang Taobao Network Co.,Ltd, CN)
at.alicdn.com 

1  2a00:1450:4001:80b::2008 (Frankfurt am Main, Germany) 
ASN15169 (GOOGLE, US)
www.googletagmanager.com 

3  216.83.41.85 (United States) 
ASN152194 (CTGSERVERLIMITED-AS-AP CTG Server Limited, HK)
h5.349tk002.com 

1  183.240.98.228 (China) 
ASN56040 (CMNET-GUANGDONG-AP China Mobile communications corporation, CN)
hm.baidu.com 

1  172.67.166.174 (United States) 
ASN13335 (CLOUDFLARENET, US)
kj123123.com 

1  2001:4860:4860::2008 (Frankfurt am Main, Germany) 
ASN15169 (GOOGLE, US)

11:23 AM Sunday, November 5, 2024

13-32-121-113.fra60.r.cloudfront.net

10:08 PM

IPv4

13.32.121.113 13.32.121.10 13.32.121.61 13.32.121.34

IPv6

2600:9000:236e:2400:e:c5cb:b600:93a1 2600:9000:2240:de00:e:c5cb:b600:93a1 2600:9000:2240:cc00:e:c5cb:b600:93a1 2600:9000:2240:6c00:e:c5cb:b600:93a1 2600:9000:2240:6e00:e:c5cb:b600:93a1 2600:9000:2240:5a00:e:c5cb:b600:93a1 2600:9000:2240:9400:e:c5cb:b600:93a1 2600:9000:2240:5600:e:c5cb:b600:93a1

Live Screenshot

Hover to expand

Attention:

This is a live snapshot of this website, we do not host or control it!

No direct hits

Nothing is hosted on this domain

Incoming hits

Summary of pages that talked to this domain

ASNs

AS13335 | 22x AS139659 | 6x AS4594 | 3x AS138152 | 2x AS397086 | 1x

IPs

188.114.97.3 | 5x 45.152.64.89 | 3x 172.67.214.208 | 3x 103.143.73.147 | 2x 188.114.96.3 | 2x 2a06:98c1:3120::3 | 2x 2a06:98c1:3121::3 | 2x 43.225.100.23 | 1x 43.225.100.135 | 1x 45.152.67.69 | 1x

Domains

avminc.net | 4x sbtbill.com | 3x a1choiceinn.com | 2x blurpost.com | 2x ladykontakt.com | 2x thaiservice.net | 2x www.humilitas.org | 2x 4ulike.com | 1x 773378.com | 1x amazinghotties.com | 1x

Countries

US | 16x NL | 7x GB | 4x HK | 4x ZA | 3x

Recent scans (34 total)

Show all

	URL	Age	Size		IPs		
	f-r-c.org	13 days	975 KB	24	7	4	
	avminc.net	2 months	1 MB	24	7	4	
	www.humilitas.org//	3 months	617 KB	28	7	5	
	www.smallmouth.org//	3 months	1003 KB	28	7	6	
	ladykontakt.com	3 months	769 KB	23	7	4	

Disclaimer

The websites, domains, and other information displayed on this page are not managed by urlscan. Each website and its contents are solely the responsibility of their respective owners. urlscan can remove specific website scans from our platform, but urlscan does not bear responsibility for their content. If you have been a victim of fraud by any of the websites listed, please contact your local law enforcement to report it.

Recently observed hostnames on '349tk002.com'

11:25 AM Sunday 5

November 5, 2024 10:08 PM

Domain TreeCertsFragments

IP Address	AS Autonomous System
43.225.100.23	 4594 (HKISL-ASN Internet Solutions Lin
103.44.61.171	 4594 (HKISL-ASN Internet Solutions Lin
1:6a00:c:ae9e:d200:93a1	 16509 (AMAZON-02)
103.235.46.191	 55967 (BAIDU Beijing Baidu Netcom S

4

高手九肖：二四六天天好彩308kcom每期资料大全

 彩色图库

 黑白图库

一肖免费平特大公开,33377慈善网主论坛,新跑跑狗图,管家婆论坛玄机资料,红姐全年图库

第334期: 高手九肖

历史资料

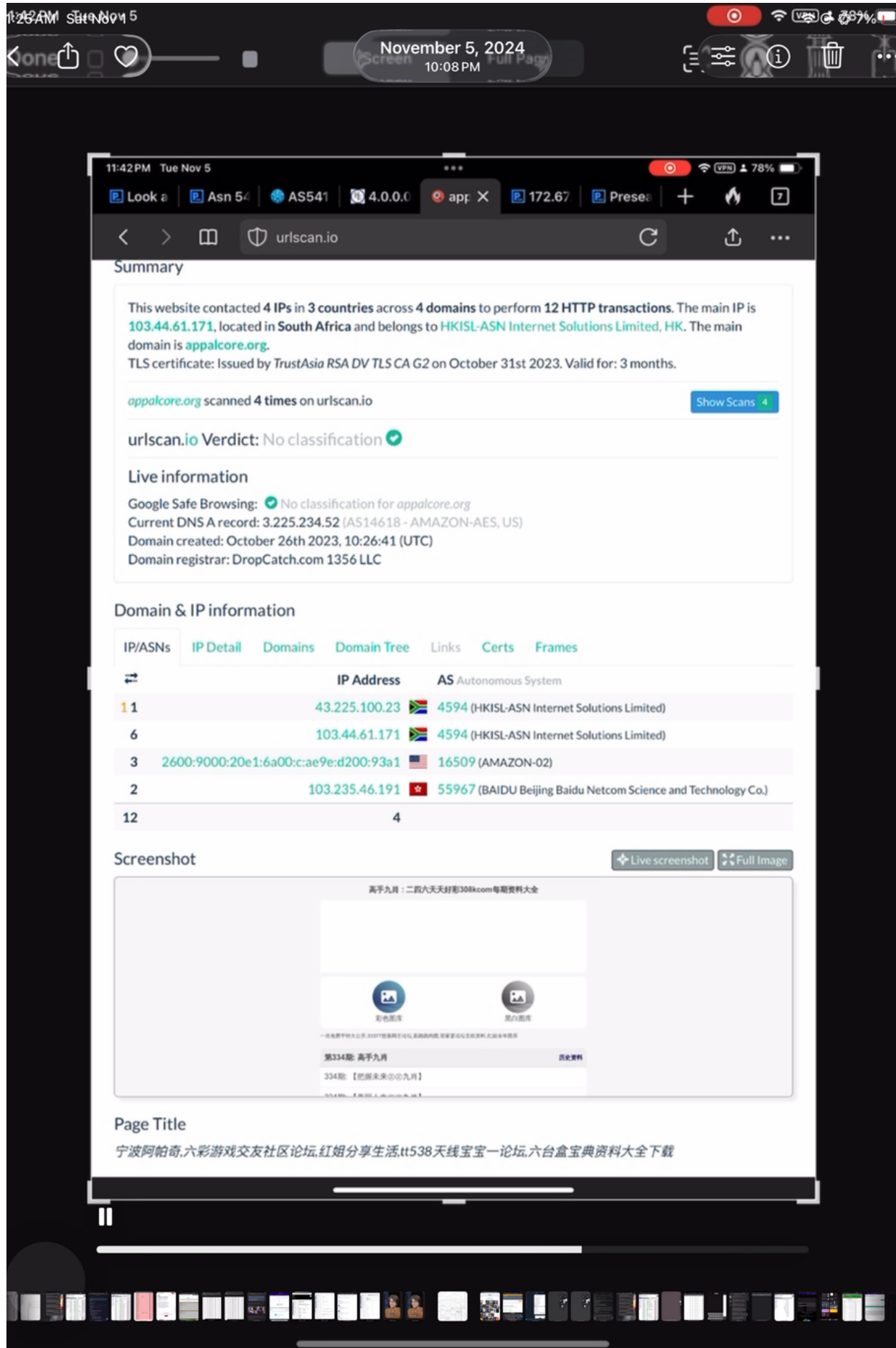
334期: 【把握未来㊦㊦九肖】

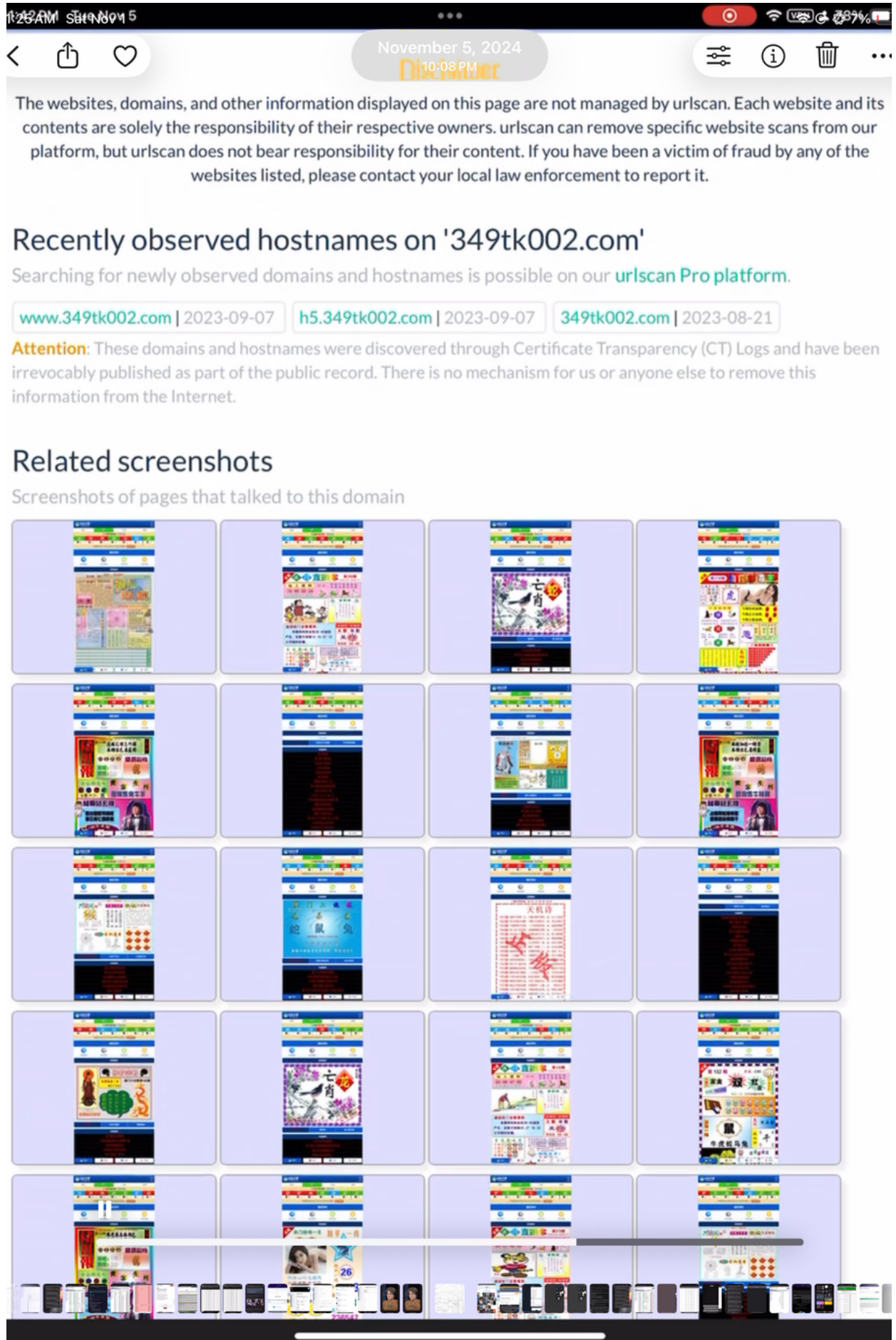
334期: 【美丽人生㊦㊦九肖】

334期: 【独来独去㊦㊦九肖】

334期: 【红姐传奇㊦㊦九肖】

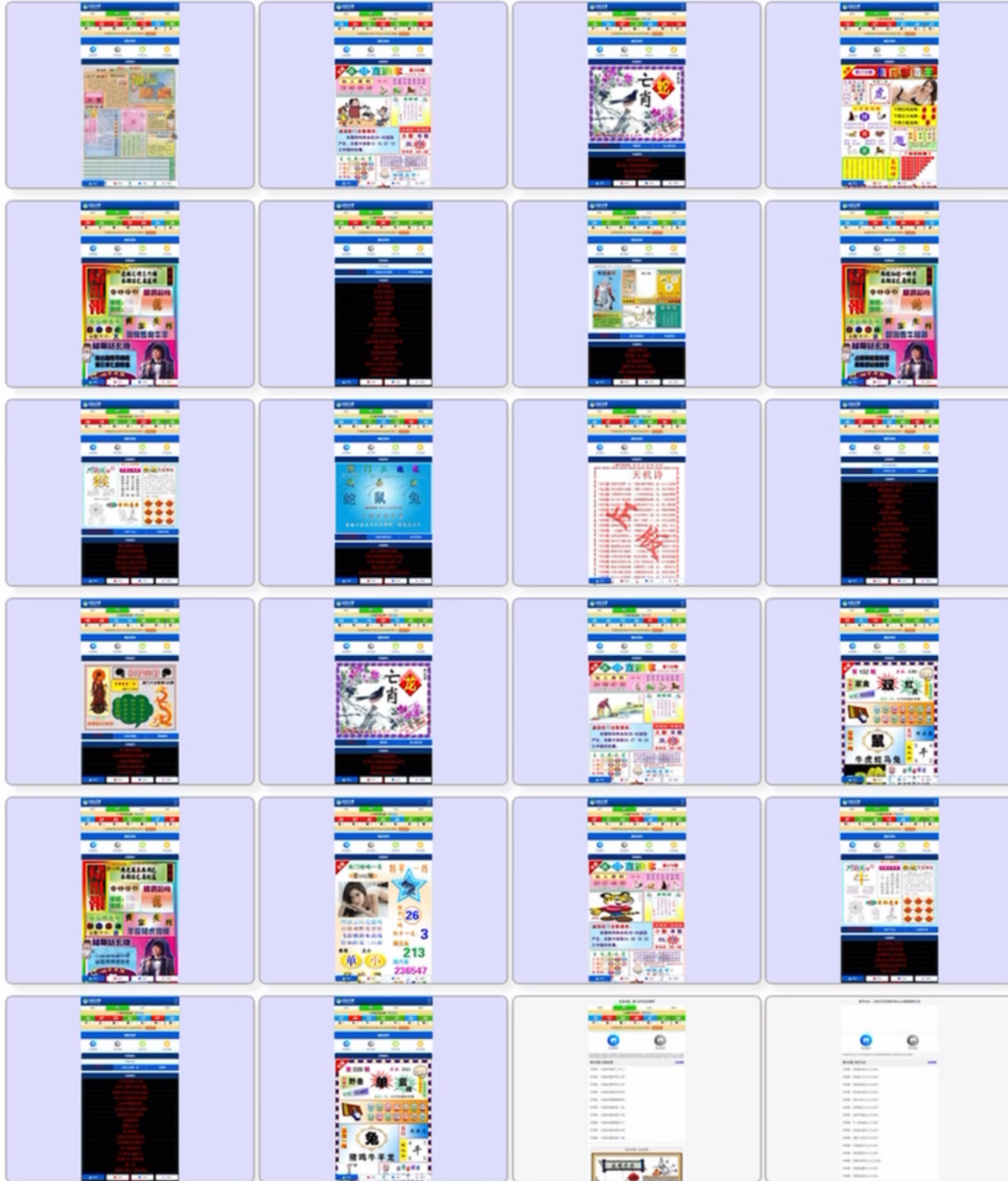
334期: 【风火佳人㊦㊦九肖】



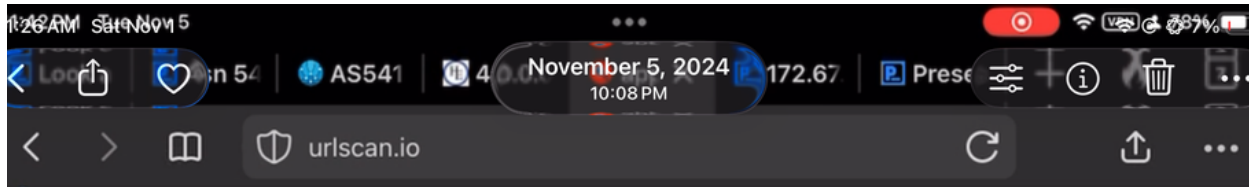


Related screenshots

Screenshots of pages that talked to this domain



WHOIS for 349tk002.com



Summary

This website contacted 4 IPs in 3 countries across 4 domains to perform 12 HTTP transactions. The main IP is 103.44.61.171, located in South Africa and belongs to HKISL-ASN Internet Solutions Limited, HK. The main domain is appalcore.org.

TLS certificate: Issued by TrustAsia RSA DV TLS CA G2 on October 31st 2023. Valid for: 3 months.

appalcore.org scanned 4 times on urlscan.io

Show Scans 4

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for appalcore.org

Current DNS A record: 3.225.234.52 (AS14618 - AMAZON-AES, US)

Domain created: October 26th 2023, 10:26:41 (UTC)

Domain registrar: DropCatch.com 1356 LLC

Domain & IP information

IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

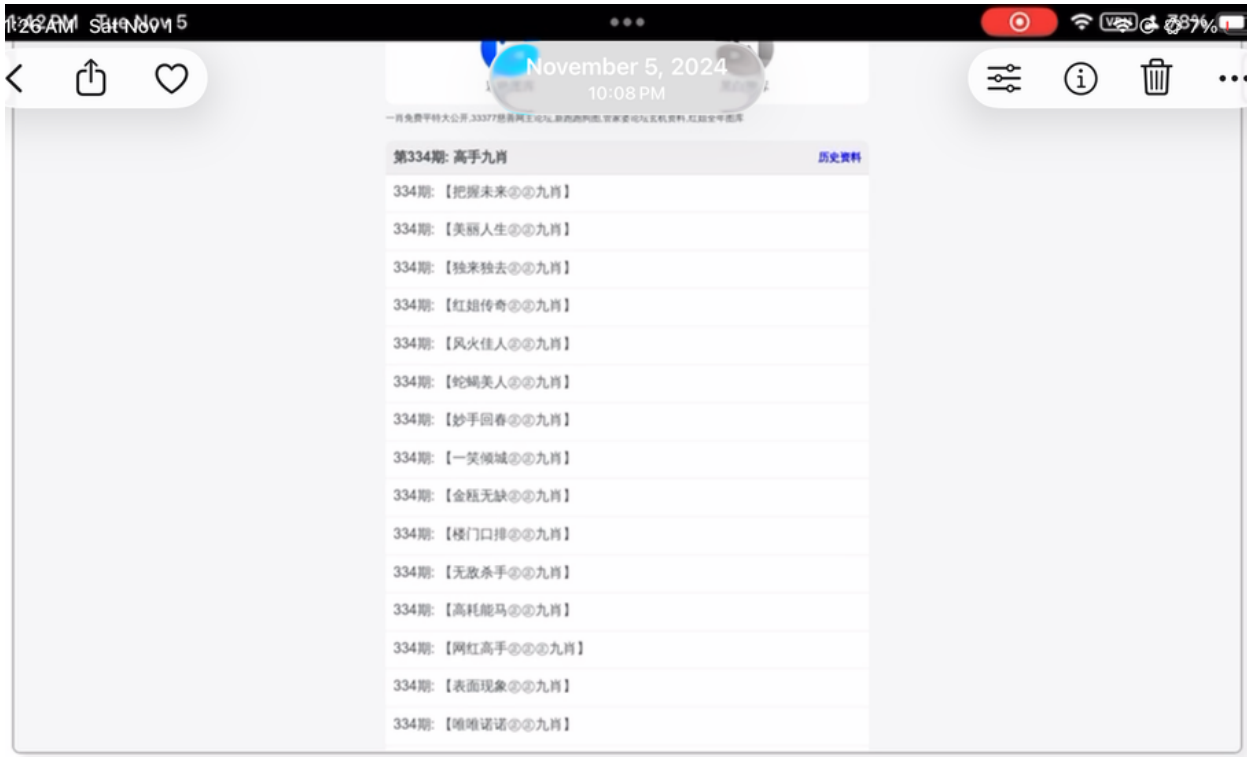
	IP Address	AS Autonomous System
1	43.225.100.23	4594 (HKISL-ASN Internet Solutions Limited)
6	103.44.61.171	4594 (HKISL-ASN Internet Solutions Limited)
3	2600:9000:20e1:6a00:c:ae9e:d200:93a1	16509 (AMAZON-02)
2	103.235.46.191	55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)
12	4	

Screenshot

Live screenshot

Full Image





Page Title

宁波阿帕奇,六彩游戏交友社区论坛,红姐分享生活,tt538天线宝宝一论坛,六台盒宝典资料大全下载

Page URL History

Show full URLs

- 1. <http://appalcore.org/> HTTP 301
- <https://appalcore.org/> Page URL

Detected technologies

Baidu Analytics (百度统计)

Expand

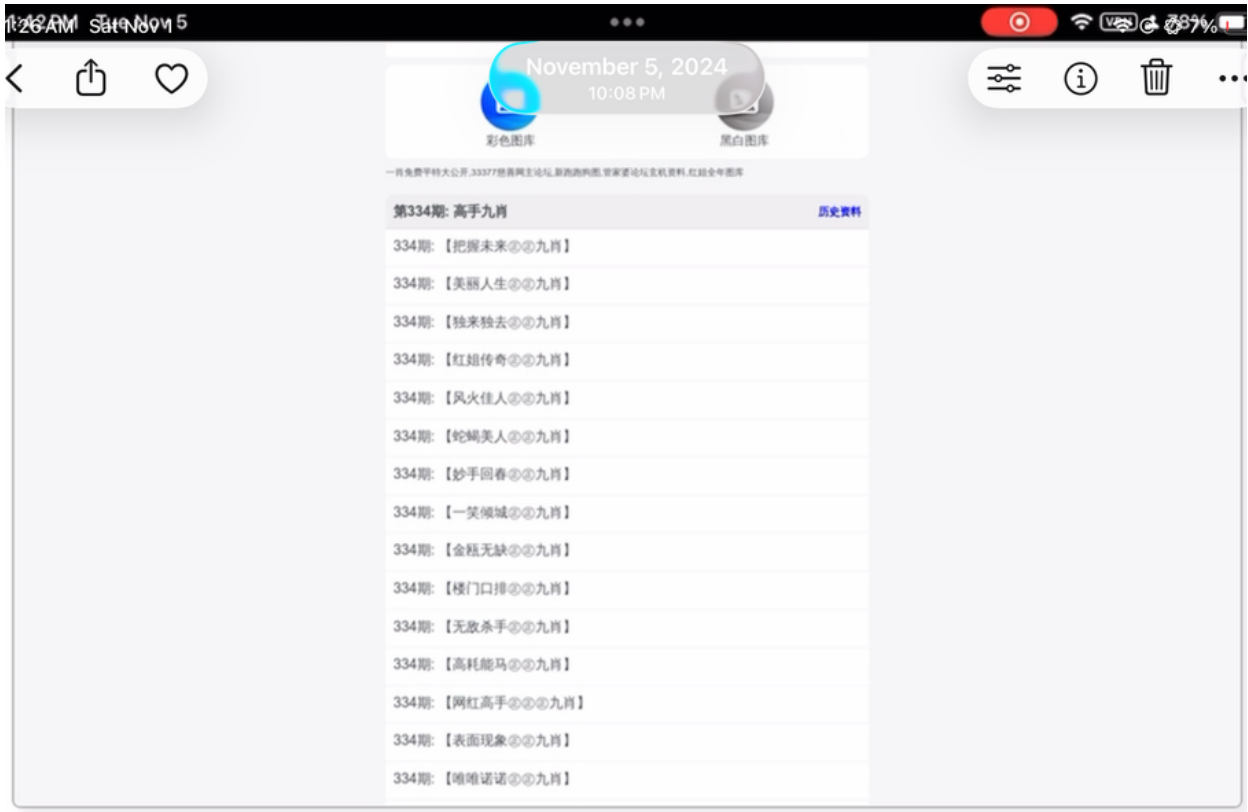
jQuery

Expand

Page Statistics

12 Requests 92 % HTTPS 25 % IPv6 4 Domains 4 Subdomains 4 IPs 3 Countries 971 kB Transfer

1052 kB Size 4 Cookies



Page Title

宁波阿帕奇,六彩游戏交友社区论坛,红姐分享生活,tt538天线宝宝一论坛,六台盒宝典资料大全下载

Page URL History

Show full URLs

- 1. <http://appalcore.org/> HTTP 301
- <https://appalcore.org/> Page URL

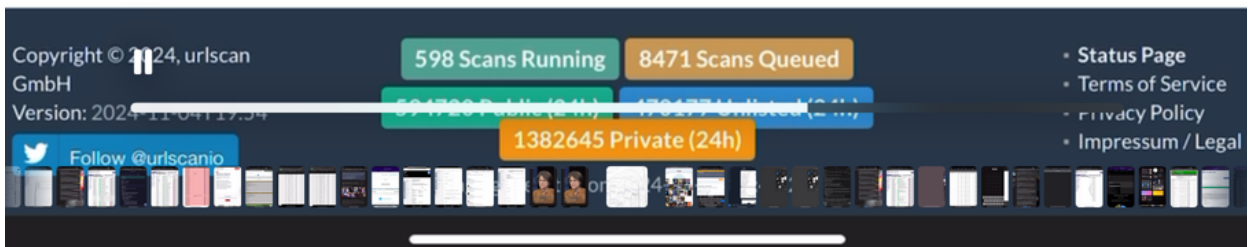
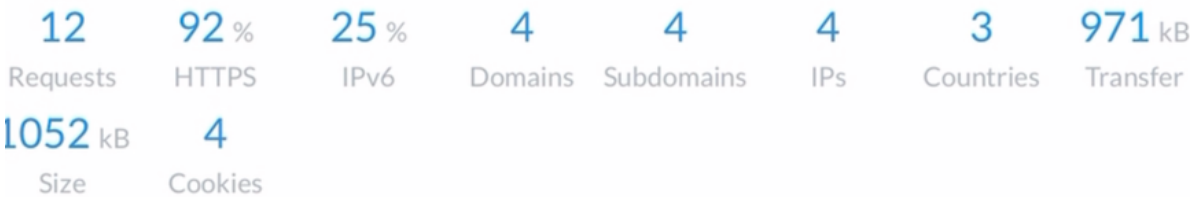
Detected technologies

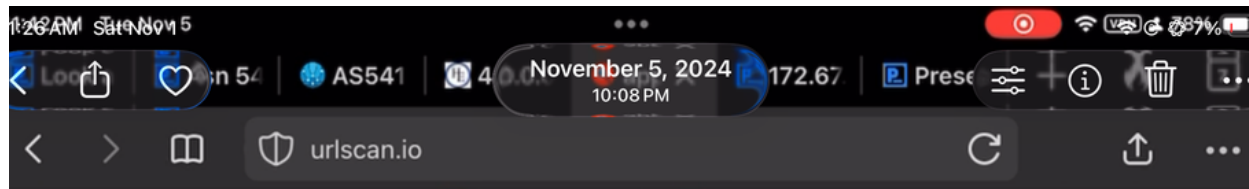
- Baidu Analytics (百度统计)
- jQuery

Expand

Expand

Page Statistics





Submission: On November 30 via api from US — Scanned from US

[Home](#) [Behaviour](#) [Indicators](#) [Similar](#) [DOM](#) [Content](#) [API](#) [Verdicts](#)

Summary

This website contacted **4 IPs** in **3 countries** across **4 domains** to perform **12 HTTP transactions**. The main IP is **103.44.61.171**, located in **South Africa** and belongs to **HKISL-ASN Internet Solutions Limited, HK**. The main domain is **appalcore.org**.

TLS certificate: Issued by **TrustAsia RSA DV TLS CA G2** on October 31st 2023. Valid for: 3 months.

appalcore.org scanned **4 times** on urlscan.io

[Show Scans](#) 4

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for **appalcore.org**

Current DNS A record: **3.225.234.52** (AS14618 - AMAZON-AES, US)

Domain created: October 26th 2023, 10:26:41 (UTC)

Domain registrar: DropCatch.com 1356 LLC

Domain & IP information

IP/ASNs	IP Detail	Domains	Domain Tree	Links	Certs	Frames
	IP Address	AS	Autonomous System			
1	43.225.100.23		4594 (HKISL-ASN Internet Solutions Limited)			
6	103.44.61.171		4594 (HKISL-ASN Internet Solutions Limited)			
3	2600:9000:20e1:6a00:c:ae9e:d200:93a1		16509 (AMAZON-02)			
2	103.235.46.191		55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)			
12	4					

Screenshot

[Live screenshot](#) [Full Image](#)



Summary

This website contacted **4 IPs** in **3 countries** across **4 domains** to perform **12 HTTP transactions**. The main IP is **103.44.61.171**, located in **South Africa** and belongs to **HKISL-ASN Internet Solutions Limited, HK**. The main domain is **appalcore.org**.
TLS certificate: Issued by *TrustAsia RSA DV TLS CA G2* on October 31st 2023. Valid for: 3 months.

appalcore.org scanned **4 times** on urlscan.io

Show Scans 4

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for *appalcore.org*
Current DNS A record: 3.225.234.52 (AS14618 - AMAZON-AES, US)
Domain created: October 26th 2023, 10:26:41 (UTC)
Domain registrar: DropCatch.com 1356 LLC

Domain & IP information

IP/ASNs IP Detail Domains Domain Tree Links Certs Frames

	IP Address	AS Autonomous System
1	43.225.100.23	4594 (HKISL-ASN Internet Solutions Limited)
6	103.44.61.171	4594 (HKISL-ASN Internet Solutions Limited)
3	2600:9000:20e1:6a00:c:ae9e:d200:93a1	16509 (AMAZON-02)
2	103.235.46.191	55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)
12	4	

Screenshot

Live screenshot Full Image



Page Title

宁波阿帕奇,六彩游戏交友社区论坛,红姐分享生活,tt538天线宝宝一论坛,六台盆宝典资料大全下载



11:28 AM Sat Nov 5

November 5, 2024 10:08 PM

55967 - BAIDU Beijing Baidu Technology Co., Ltd., CN

Note: An IP might be announced by multiple ASs. This is not shown.

Registrar APNIC

Route 103.235.44.0/22 (Route of ASN)

Recent Screenshots

Direct hits

Summary of pages hosted on this IP

Domains [hm.baidu.com](#) | 1551x [103.235.46.191](#) | 47x [hm.e.shifen.com](#) | 28x [wa.hm.baidu.com](#) | 7x

[hm.baidu.com.ph](#) | 1x [hm.baidu.net.vn](#) | 1x

Recent scans (1635 total) [Show all](#)

URL	Age	Size	↔	IPs	📄	🏠
hm.baidu.com/hm.gif?hca=4F1A7E9F3FEBD2FD&cc=1&ck=1&cl=24-bit&ds=3840x1080&vl=...	7 months	815 B	2	1	1	★
103.235.46.191	7 months	264 B	2	1	1	★
hm.baidu.com	7 months	350 B	2	1	1	★
hm.baidu.com/hm.gif?hca=5177B27556DD5E3D&cc=1&ck=1&cl=24-bit&ds=1280x720&vl=5...	7 months	815 B	2	1	1	★
hm.baidu.com	7 months	350 B	2	1	1	★

Incoming hits

Summary of pages that talked to this IP

ASNs [AS13335](#) | 137352x [AS18779](#) | 53793x [AS134548](#) | 41025x [AS37963](#) | 39867x [AS54600](#) | 28995x

[AS136800](#) | 25849x [AS62904](#) | 25341x [AS132839](#) | 24666x [AS139021](#) | 20494x [AS45102](#) | 17633x

IPs [45.207.95.105](#) | 18090x [14.152.79.198](#) | 13932x [2a06:98c1:3121::3](#) | 6846x [2a06:98c1:3120::3](#) | 6745x

[103.235.46.234](#) | 5562x [59.151.17.18](#) | 5449x [45.196.103.238](#) | 4752x [172.80.122.181](#) | 2670x

[103.120.80.155](#) | 2621x [103.139.0.32](#) | 2518x

Domains [www.capitalonearenaparking.com](#) | 18090x [www.flyme.com](#) | 13918x [www.hao123.com](#) | 5555x

[www.asianmetal.com](#) | 5447x [www.patraglobal.com](#) | 4752x [www.hacheyou.com](#) | 2670x

[www.xsjpay.com](#) | 2258x [www.whatsappgroupsjoinlink.com](#) | 1368x [www.ynet.com](#) | 1290x

[enterprise.inplink.com](#) | 1273x

Countries [US](#) | 450379x [HK](#) | 171669x [CN](#) | 129984x [ZA](#) | 45693x [DE](#) | 21663x

Summary of pages that talked to this IP

 Show all

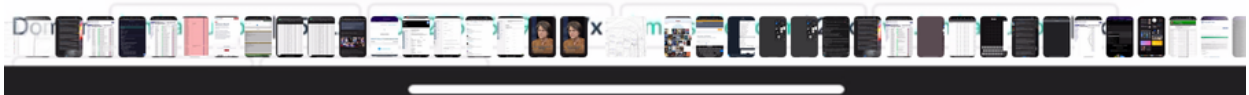
	URL	Age	Size		IPs		
	tz.whmoneymoneyduo.com	7 months	3 MB	43	8	3	
	m04cqoauffsvf.xyz/main.html	7 months	1 MB	62	7	3	
	smtao42.top	7 months	7 MB	60	17	9	
	www.medmro.com	7 months	1 MB	75	9	4	
	452430.com	7 months	2 MB	14	5	5	

The websites, domains, and other information displayed on this page are not managed by urlscan. Each website and its contents are solely the responsibility of their respective owners. urlscan can remove specific website scans from our platform, but urlscan does not bear responsibility for their content. If you have been a victim of fraud by any of the websites listed, please contact your local law enforcement to report it.

Screenshots of pages hosted on this IP

Summary of infrastructure which pages hosted on this IP frequently talked to

IPs 103.235.16.104 | 103.235.16.105



11:28 AM Saturday 5	November 5, 2024 10:08 PM	1 MB	67			
iffsvf.xyz/main.html						
smtao42.top	/ months	7 MB	60	17	9	
www.medmro.com	7 months	1 MB	75	9	4	
452430.com	7 months	2 MB	14	5	5	

Disclaimer

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Recent screenshots

Screenshots of pages hosted on this IP

Related infrastructure

Summary of infrastructure which pages hosted on this IP frequently talked to

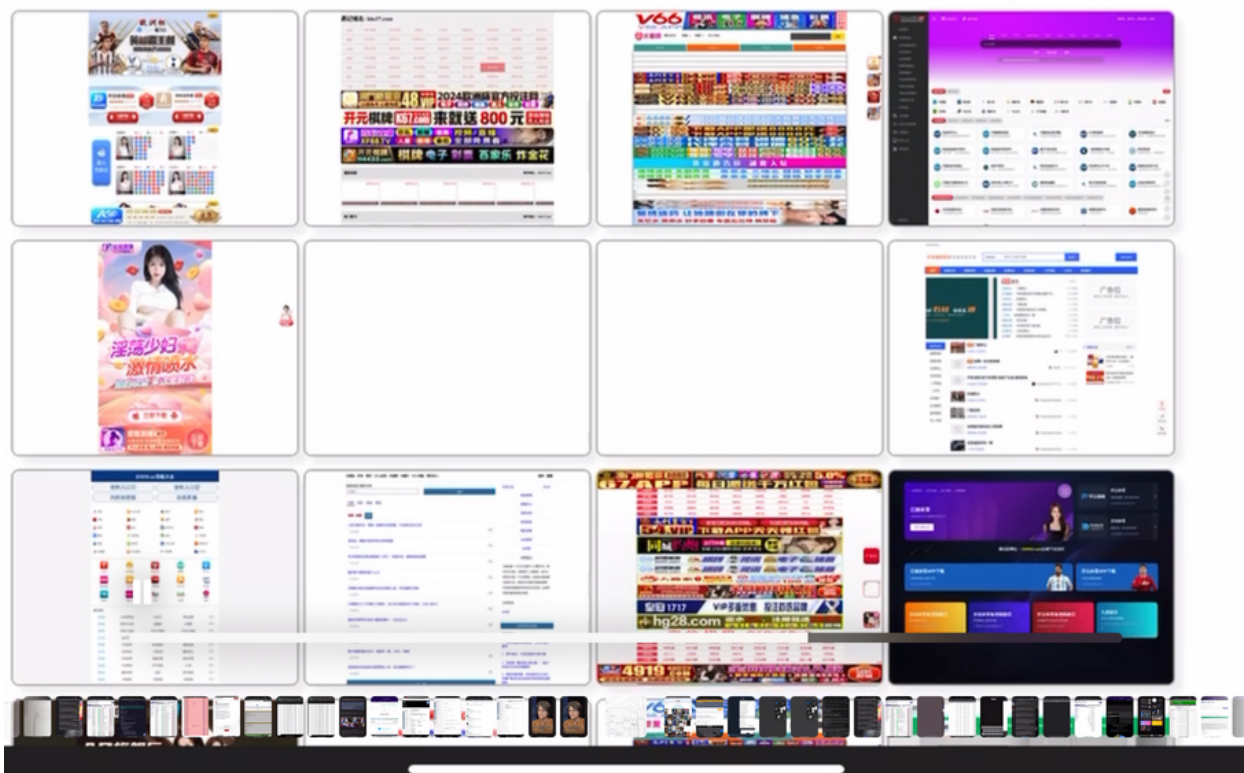
IPs [103.235.46.191](#) | 1635x

Domains [hm.baidu.com](#) | 1551x [103.235.46.191](#) | 47x [hm.e.shifen.com](#) | 28x [wa.hm.baidu.com](#) | 7x

[hm.baidu.com.ph](#) | 1x [hm.baidu.net.vn](#) | 1x

Related screenshots

Screenshots of pages that talked to this IP



November 5, 2024

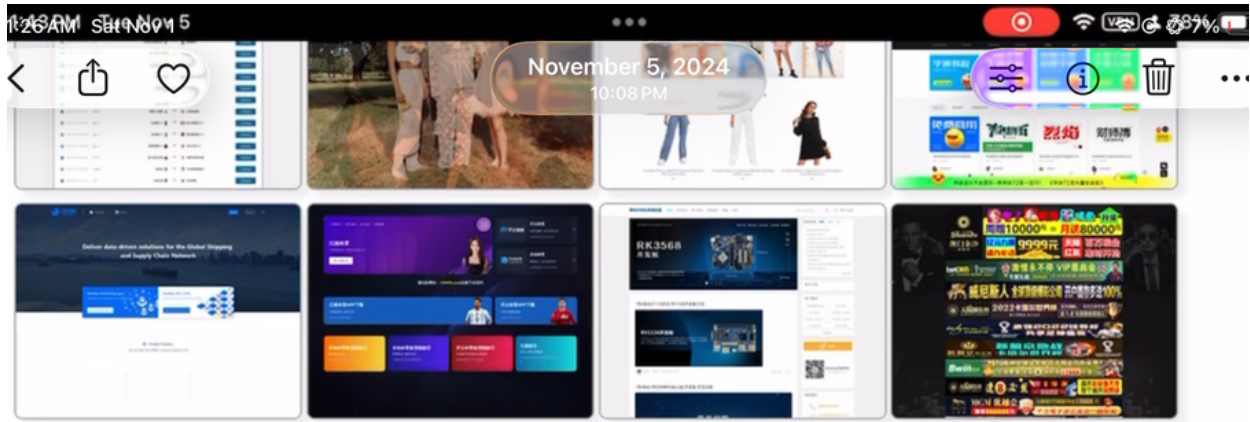
10:08 PM

Rooms 2201-03, 22/F,
19 Des Voeux Road
Hong Kong
country: HK
org: ORG-BKL1-AP
admin-c: BHKL1-AP
tech-c: BHKL1-AP
abuse-c: AB1359-AP
status: ASSIGNED PORTABLE
remarks: -----
remarks: To report network abuse, please contact mnt-irt
remarks: For troubleshooting, please contact tech-c and admin-c
remarks: Report invalid contact via www.apnic.net/invalidcontact
remarks: -----
mnt-by: APNIC-HM
mnt-routes: MAINT-BAIDU-HK
mnt-irt: IRT-BAIDU-HK
last-modified: 2021-01-11T05:11:46Z
source: APNIC

irt: IRT-BAIDU-HK
address: Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kong
e-mail: gi-noc@baidu.com
abuse-mailbox: global-abuse@baidu.com
admin-c: BHKL1-AP
tech-c: BHKL1-AP
auth: # Filtered
remarks: gi-noc@baidu.com is invalid
remarks: global-abuse@baidu.com is invalid
mnt-by: MAINT-BAIDU-HK
last-modified: 2023-08-01T20:12:59Z
source: APNIC

organisation: ORG-BKL1-AP
org-name: Baidu (Hong Kong) Limited
org-type: LIR
country: HK
address: Rooms 2201-03, 22/F, World Wide House
address: 19 Des Voeux Road Central
address: Hong Kong
phone: +861059928888
e-mail: gi-noc@baidu.com
mnt-ref: APNIC-HM
mnt-by: APNIC-HM
last-modified: 2023-09-05T02:16:22Z
source: APNIC

role: ABUSE BAIDUHK
address: Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kong
country: ZZ
phone: +0000000000
e-mail: gi-noc@baidu.com
admin-c: BHKL1-AP
tech-c: BHKL1-AP
nic-hdl: AB1359-AP



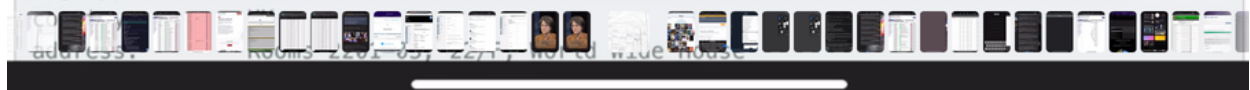
WHOIS for 103.235.46.191

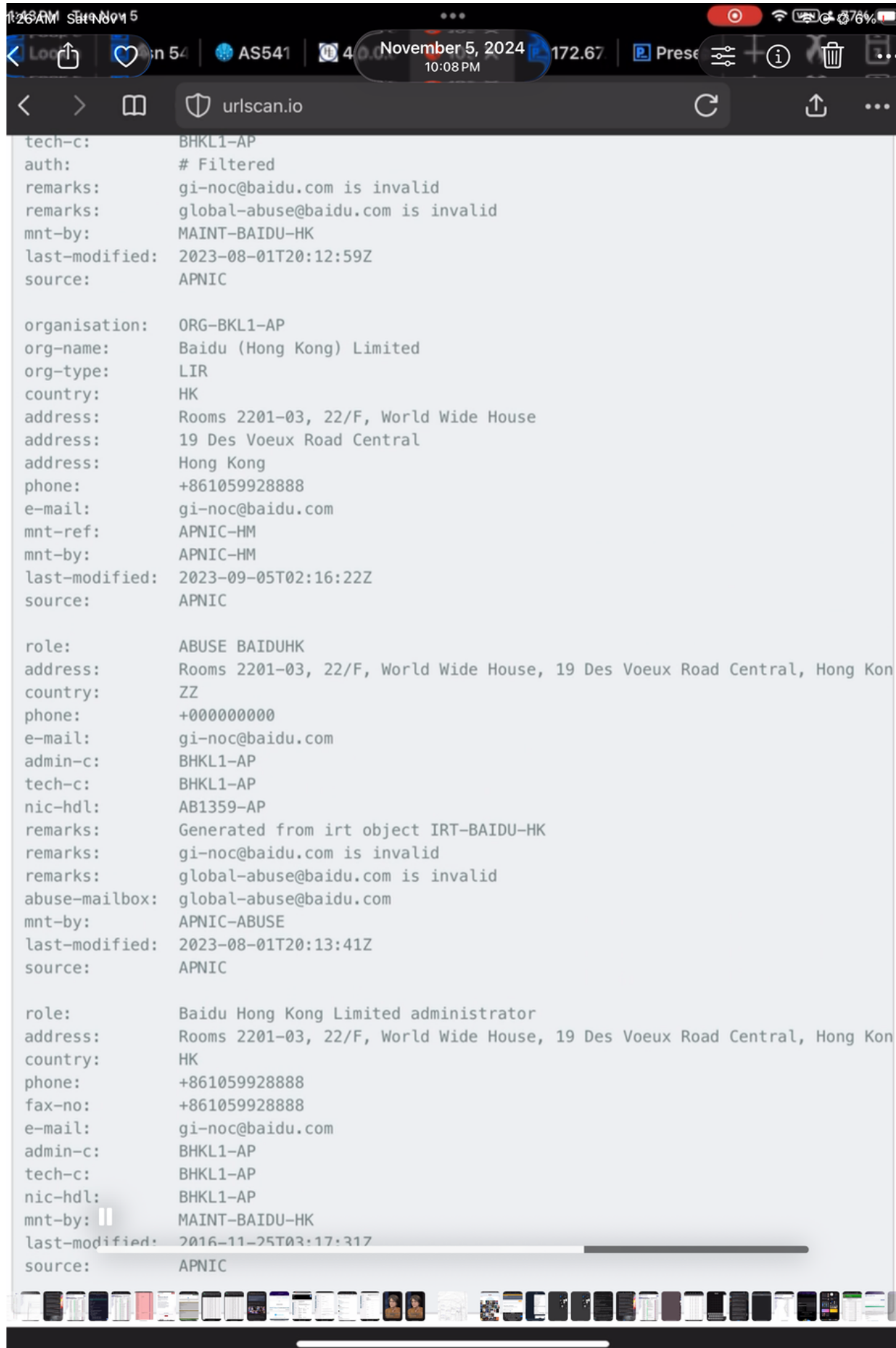
```

inetnum:        103.235.44.0 - 103.235.47.255
netname:        BAIDU-HK
descr:          Rooms 2201-03, 22/F, World Wide House
descr:          19 Des Voeux Road Central
descr:          Hong Kong
country:        HK
org:            ORG-BKL1-AP
admin-c:        BHK11-AP
tech-c:         BHK11-AP
abuse-c:        AB1359-AP
status:         ASSIGNED PORTABLE
remarks:
remarks:        -----
remarks:        To report network abuse, please contact mnt-irt
remarks:        For troubleshooting, please contact tech-c and admin-c
remarks:        Report invalid contact via www.apnic.net/invalidcontact
remarks:        -----
mnt-by:         APNIC-HM
mnt-routes:     MAINT-BAIDU-HK
mnt-irt:        IRT-BAIDU-HK
last-modified:  2021-01-11T05:11:46Z
source:         APNIC

irt:            IRT-BAIDU-HK
address:        Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kon
e-mail:         gi-noc@baidu.com
abuse-mailbox:  global-abuse@baidu.com
admin-c:        BHK11-AP
tech-c:         BHK11-AP
auth:           # Filtered
remarks:        gi-noc@baidu.com is invalid
remarks:        global-abuse@baidu.com is invalid
mnt-by:         MAINT-BAIDU-HK
last-modified:  2023-08-01T20:12:59Z
source:         APNIC

organisation:   ORG-BKL1-AP
org-name:       Baidu (Hong Kong) Limited
org-type:       LIR
  
```



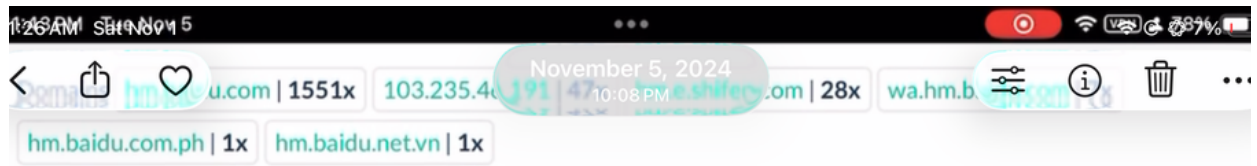


```
gi-noc@baidu.com is
global-abuse@baidu.com is
November 5, 2024
10:08 PM
mmt-by: MAINT-BAIDU-HK
last-modified: 2023-08-01T20:12:59Z
source: APNIC

organisation: ORG-BKL1-AP
org-name: Baidu (Hong Kong) Limited
org-type: LIR
country: HK
address: Rooms 2201-03, 22/F, World Wide House
address: 19 Des Voeux Road Central
address: Hong Kong
phone: +861059928888
e-mail: gi-noc@baidu.com
mnt-ref: APNIC-HM
mnt-by: APNIC-HM
last-modified: 2023-09-05T02:16:22Z
source: APNIC

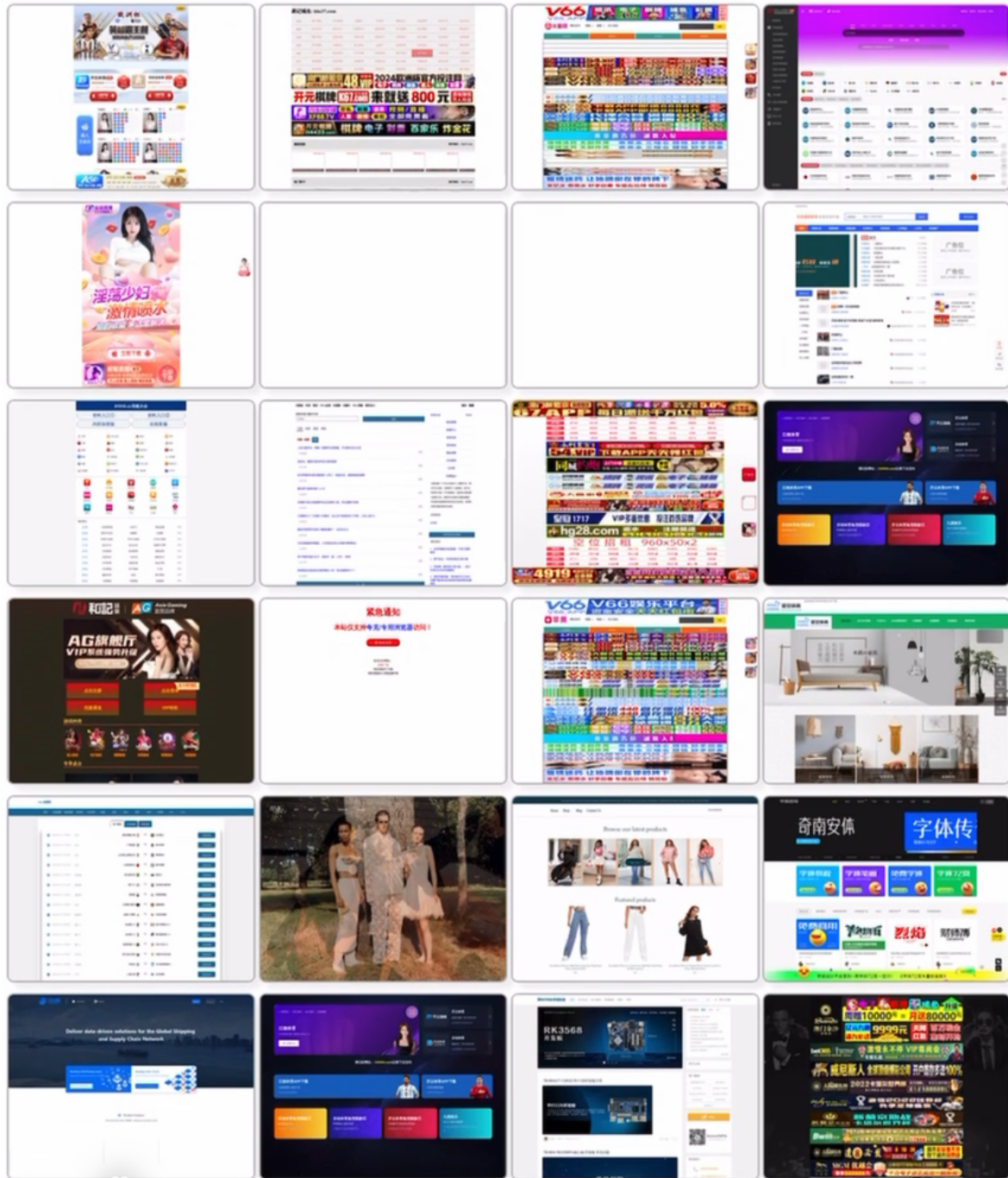
role: ABUSE BAIDUHK
address: Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kon
country: ZZ
phone: +0000000000
e-mail: gi-noc@baidu.com
admin-c: BHKL1-AP
tech-c: BHKL1-AP
nic-hdl: AB1359-AP
remarks: Generated from irt object IRT-BAIDU-HK
remarks: gi-noc@baidu.com is invalid
remarks: global-abuse@baidu.com is invalid
abuse-mailbox: global-abuse@baidu.com
mnt-by: APNIC-ABUSE
last-modified: 2023-08-01T20:13:41Z
source: APNIC

role: Baidu Hong Kong Limited administrator
address: Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kon
country: HK
phone: +861059928888
fax-no: +861059928888
e-mail: gi-noc@baidu.com
admin-c: BHKL1-AP
tech-c: BHKL1-AP
nic-hdl: BHKL1-AP
mnt-by: MAINT-BAIDU-HK
last-modified: 2016-11-25T03:17:31Z
source: APNIC
```

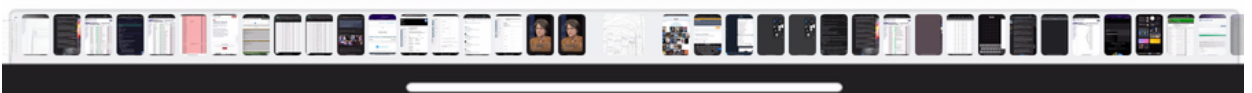


Related screenshots

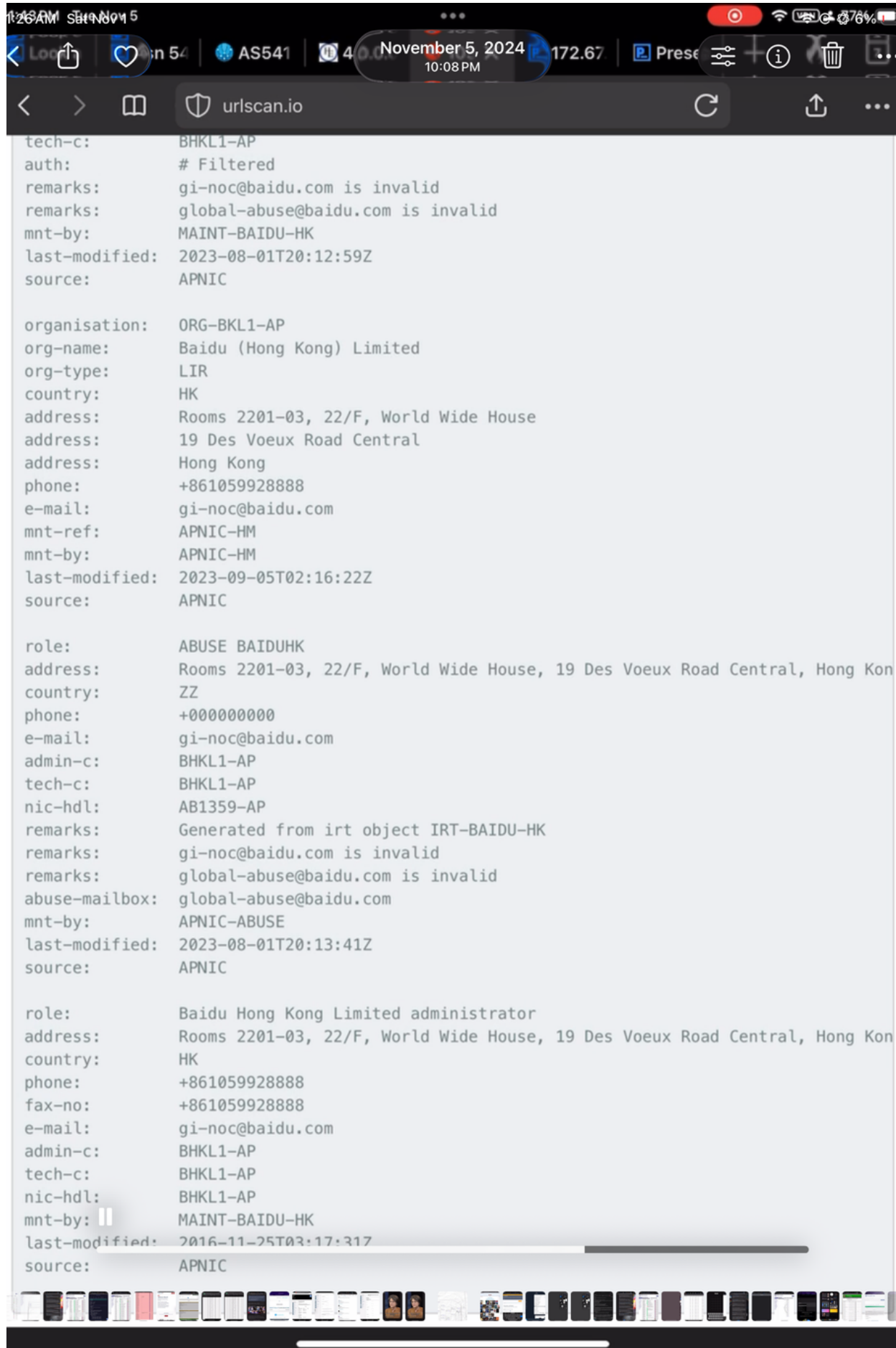
Screenshots of pages that talked to this IP



WHOIS for 103.235.46.191







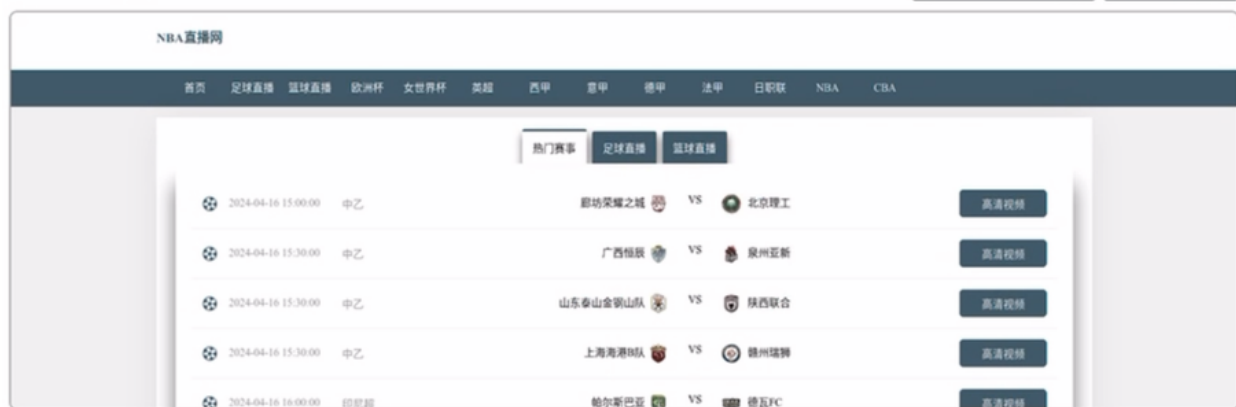
11:26 AM Saturday 5

November 5, 2024 10:08 PM

urlscan.io

	IP Address	AS Autonomous System
14	104.233.255.5	398478 (PEG-HK)
2	107.148.128.93	398478 (PEG-HK)
48	2a0b:21c0:5002:4::a	21859 (ZEN-ECN)
12	61.143.225.88	4134 (CHINANET-BACKBONE No.31)
1	103.235.46.191	55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)
77	5	

Screenshot

[Live screenshot](#)[Full Image](#)

Page Title

NBA直播_NBA直播免费观看直播在线_NBA录像回放-178NBA直播

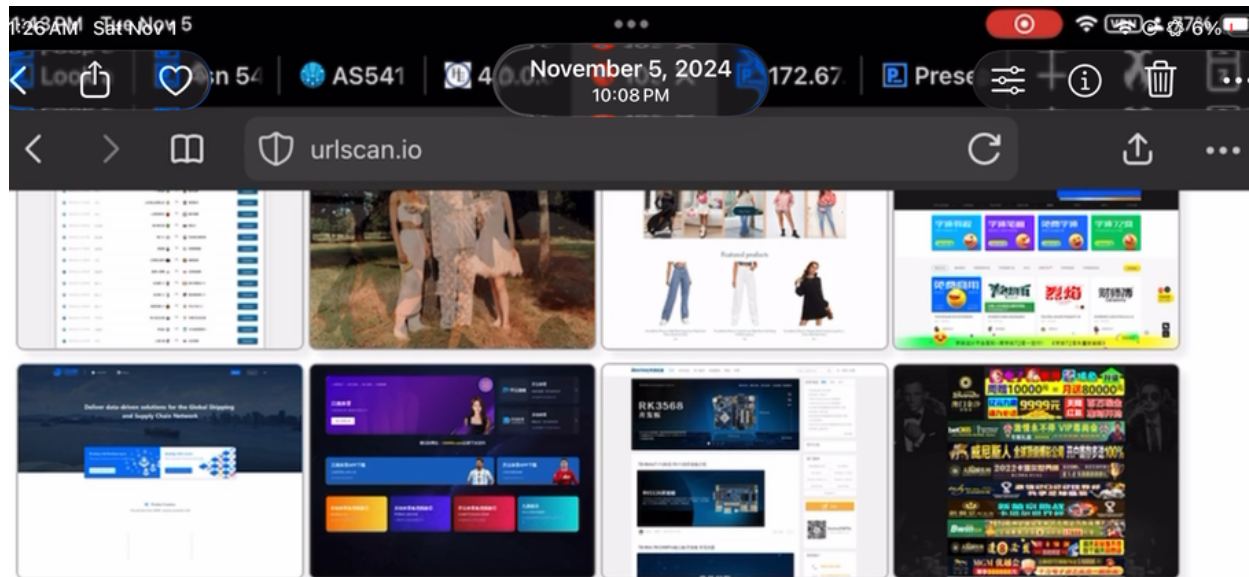
Detected technologies

jQuery

[Expand](#)

Page Statistics

77	82 %	20 %	5	5	5	4	552 kB
Requests	HTTPS	IPv6	Domains	Subdomains	IPs	Countries	Transfer
1114 kB	3						
Size	Cookies						



WHOIS for 103.235.46.191

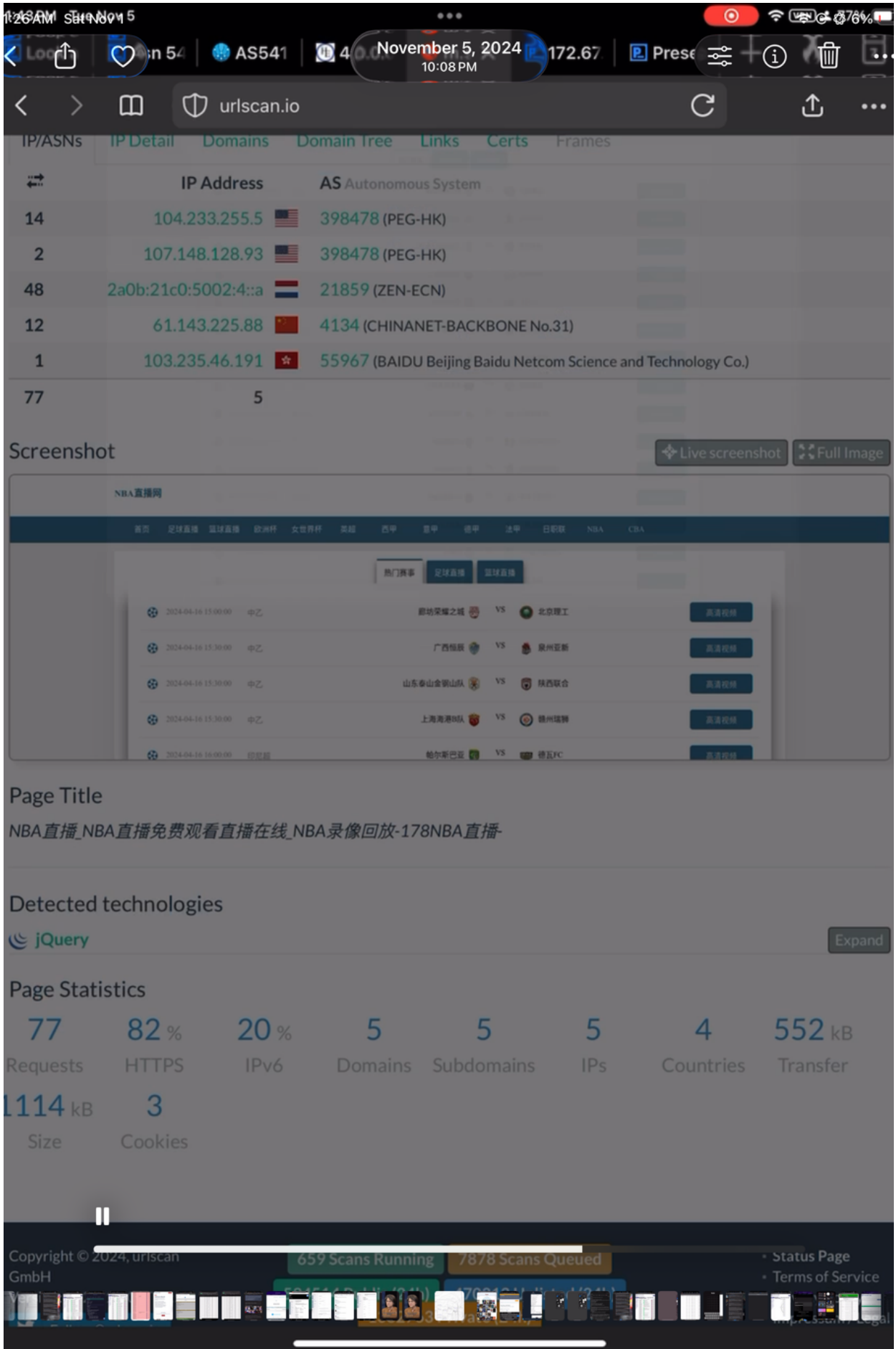
```
inetnum:          103.235.44.0 - 103.235.47.255
netname:          BAIDU-HK
descr:            Rooms 2201-03, 22/F, World Wide House
descr:            19 Des Voeux Road Central
descr:            Hong Kong
country:          HK
org:              ORG-BKL1-AP
admin-c:          BHKL1-AP
tech-c:           BHKL1-AP
abuse-c:          AB1359-AP
status:           ASSIGNED PORTABLE
remarks:          -----
remarks:          To report network abuse, please contact mnt-irt
remarks:          For troubleshooting, please contact tech-c and admin-c
remarks:          Report invalid contact via www.apnic.net/invalidcontact
remarks:          -----
mnt-by:           APNIC-HM
mnt-routes:       MAINT-BAIDU-HK
mnt-irt:          IRT-BAIDU-HK
last-modified:    2021-01-11T05:11:46Z
source:           APNIC

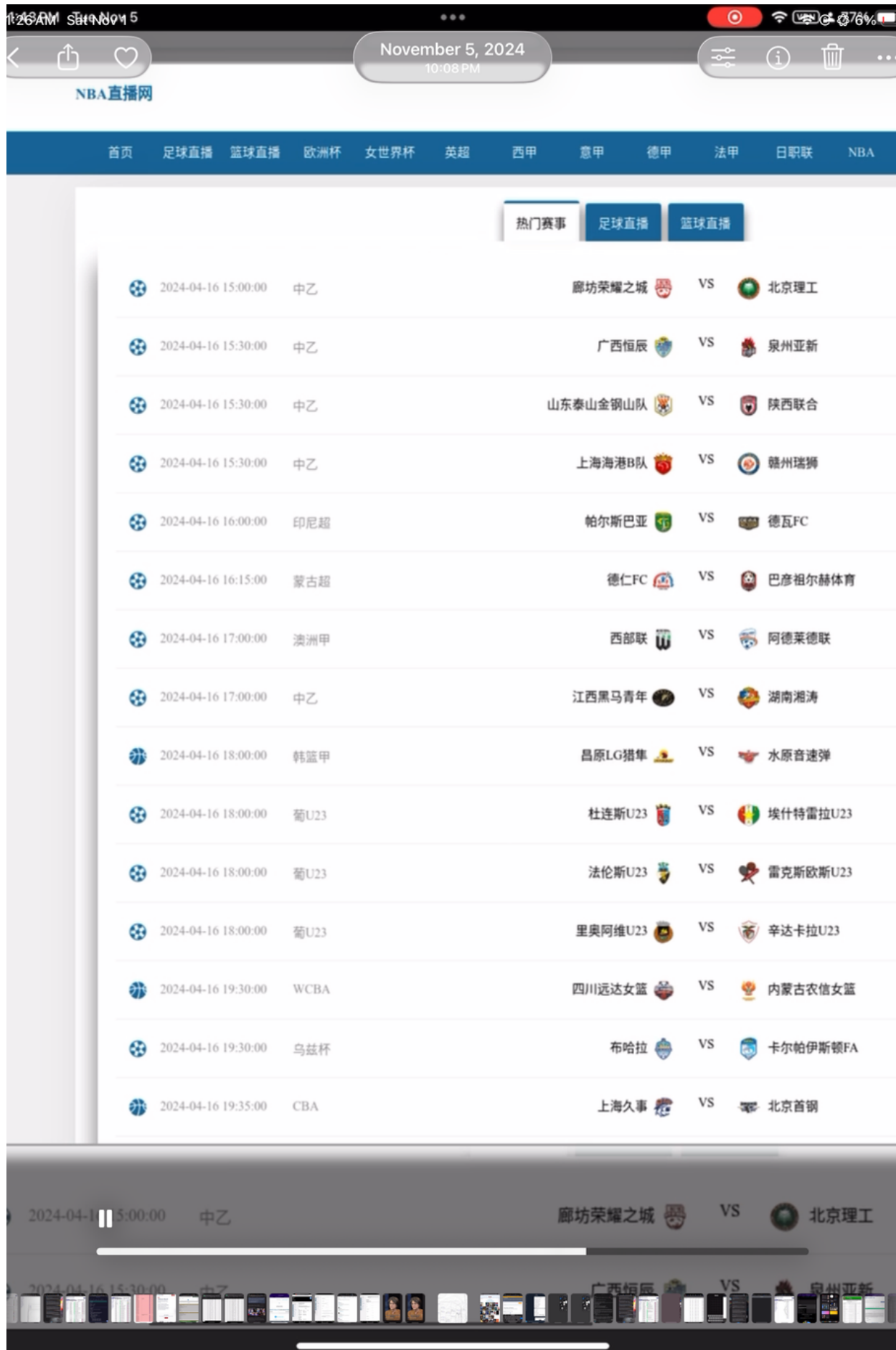
irt:              IRT-BAIDU-HK
address:          Rooms 2201-03, 22/F, World Wide House, 19 Des Voeux Road Central, Hong Kon
e-mail:           gi-noc@baidu.com
abuse-mailbox:    global-abuse@baidu.com
admin-c:          BHKL1-AP
tech-c:           BHKL1-AP
auth:             # Filtered
remarks:          gi-noc@baidu.com is invalid
remarks:          global-abuse@baidu.com is invalid
mnt-by:           MAINT-BAIDU-HK
last-modified:    2023-08-01T20:12:59Z
```

热门赛事 足球直播 篮球直播

11-16 15:00:00	中乙	廊坊荣耀之城	VS	北京理工	高清视频
11-16 15:30:00	中乙	广西恒辰	VS	泉州亚新	高清视频
11-16 15:30:00	中乙	山东泰山金钢山队	VS	陕西联合	高清视频
11-16 15:30:00	中乙	上海海港B队	VS	赣州瑞狮	高清视频
11-16 16:00:00	印尼超	帕尔斯巴亚	VS	德瓦FC	高清视频
11-16 16:15:00	蒙古超	德仁FC	VS	巴彦祖尔赫体育	高清视频
11-16 17:00:00	澳洲甲	西部联	VS	阿德莱德联	高清视频
11-16 17:00:00	中乙	江西黑马青年	VS	湖南湘涛	高清视频
11-16 18:00:00	韩篮甲	昌原LG猎隼	VS	水原音速弹	高清视频
11-16 18:00:00	葡U23	杜连斯U23	VS	埃什特雷拉U23	高清视频
11-16 18:00:00	葡U23	法伦斯U23	VS	雷克斯欧斯U23	高清视频
11-16 18:00:00	葡U23	里奥阿维U23	VS	辛达卡拉U23	高清视频
11-16 19:30:00	WCBA	四川远达女篮	VS	内蒙古农信女篮	高清视频
11-16 19:30:00	乌兹杯	布哈拉	VS	卡尔帕伊斯顿FA	高清视频
11-16 19:35:00	CBA	上海久事	VS	北京首钢	高清视频







10:08 PM

[illegible]

11:25 AM Sunday, November 5, 2024

Public Scan

November 5, 2024 10:08 PM

LookupGo ToRescanAdd VerdictReport

URL:
https://pingguo44.top/
Submission: On April 16 via api from US — Scanned from DE

BehaviourIndicatorsSimilarDOMContentAPIVerdicts

Summary

This website contacted **18 IPs** in **7 countries** across **22 domains** to perform **96 HTTP transactions**. The main IP is **154.83.31.142**, located in **Seychelles** and belongs to **CLOUDFLARESPECTRUM Cloudflare, Inc., US**. The main domain is **pingguo44.top**.
TLS certificate: Issued by R3 on April 16th 2024. Valid for: 3 months.

This is the only time *pingguo44.top* was scanned on urlscan.io!

urlscan.io Verdict: No classification

Live information

Google Safe Browsing: No classification for *pingguo44.top*
Domain created: April 14th 2024, 10:06:04 (UTC)
Domain registrar: Todaynic.com, Inc.

Domain & IP information

IP/ASNs

IP DetailDomainsDomain TreeLinksCertsFrames

	IP Address	AS Autonomous System
9	154.83.31.142	209242 (CLOUDFLARESPECTRUM Cloudflare)
3	2606:4700:3110::6812:34c9	13335 (CLOUDFLARENET)
10	142.132.201.10	24940 (HETZNER-AS)
14 14	202.81.230.125	4658 (M2012LIMITED-AS 2012 Limited Netfront)
20	104.193.88.109	55967 (BAIDU Beijing Baidu Netcom Science and Technology Co.)
2	104.21.233.189	13335 (CLOUDFLARENET)
4	8.216.114.6	45102 (ALIBABA-CN-NET Alibaba US Technology Co.)
3	156.234.42.207	138195 (MOACKCOLTD-AS-AP MOACK.Co.LTD)
7	104.21.234.50	13335 (CLOUDFLARENET)
9	2606:4700:3033::6815:37b9	13335 (CLOUDFLARENET)
4	2606:4700:10::ac43:677	13335 (CLOUDFLARENET)
2	220.128.218.220	3462 (HINET Data Communication Business Group)
11	172.67.172.31	13335 (CLOUDFLARENET)
4	108.181.20.37	40676 (AS40676)

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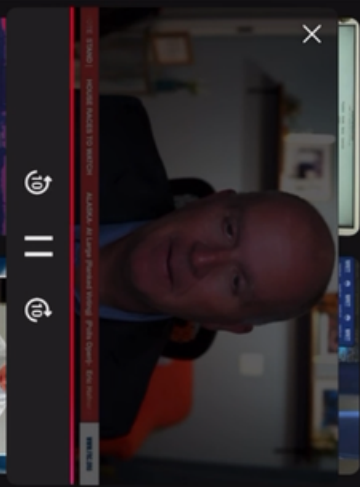
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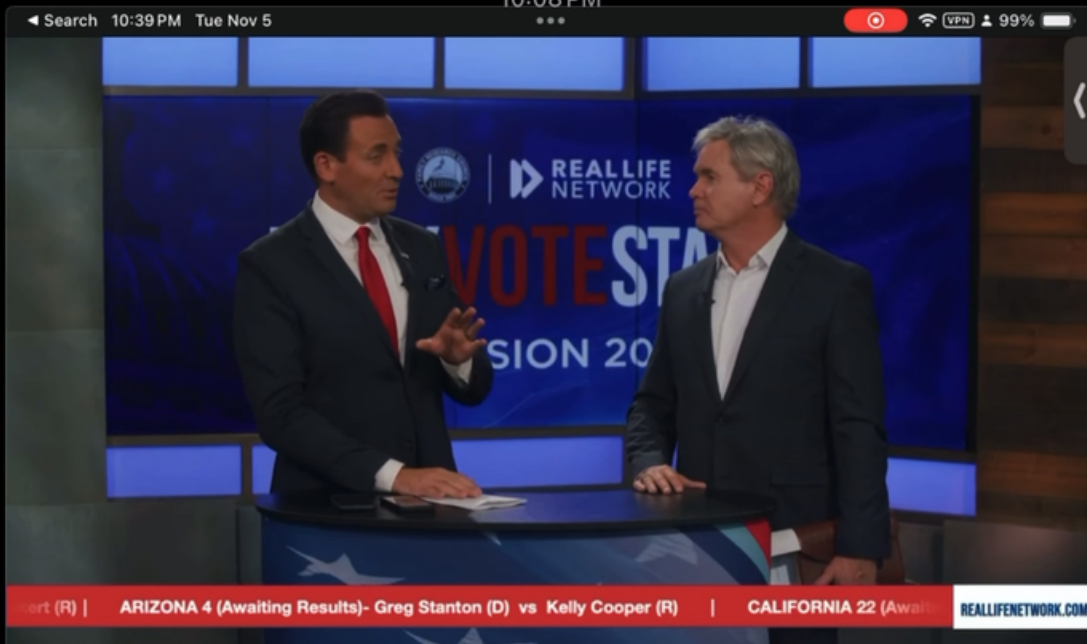


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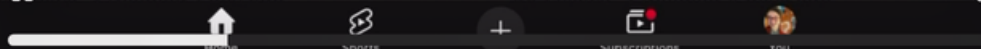
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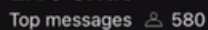


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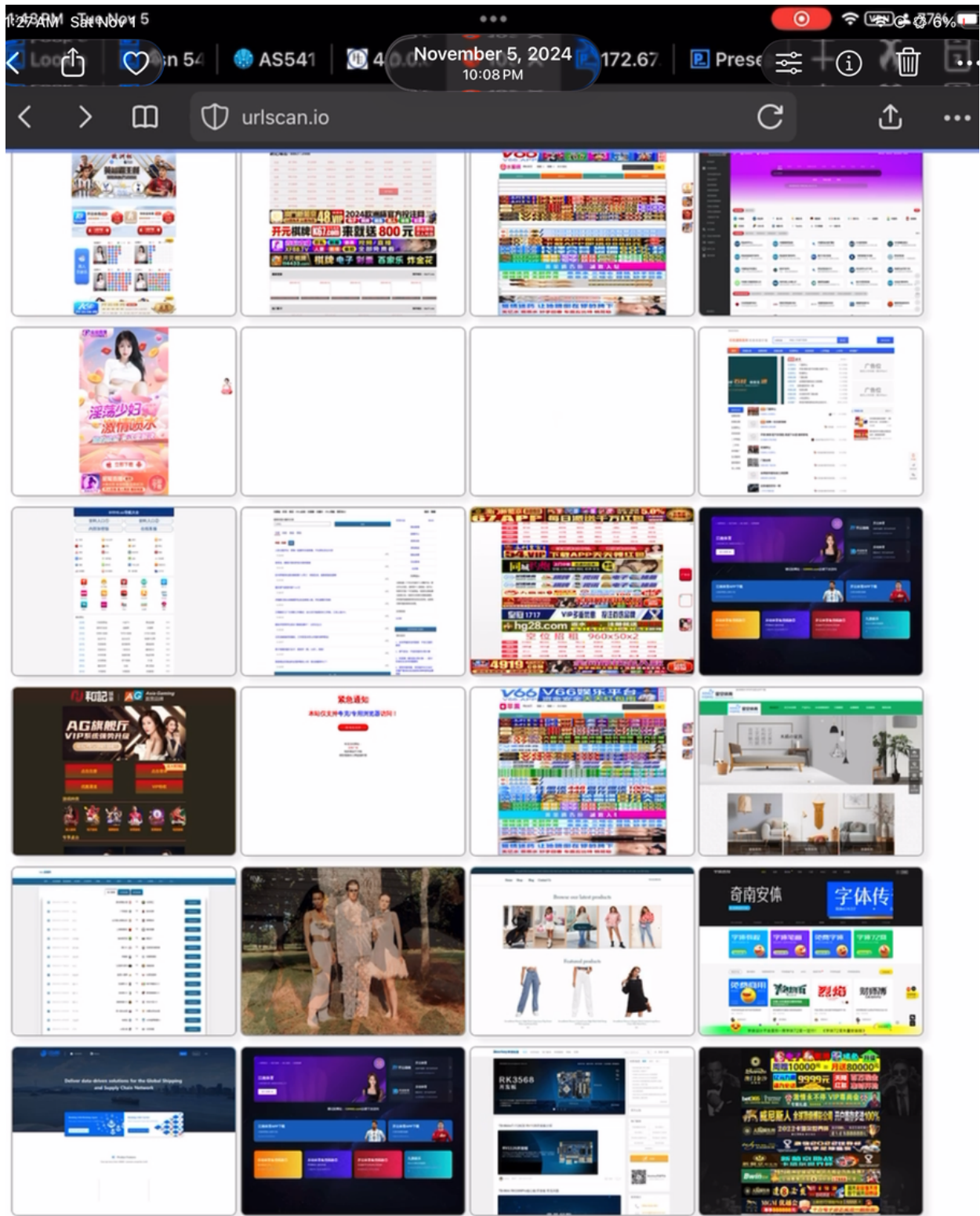


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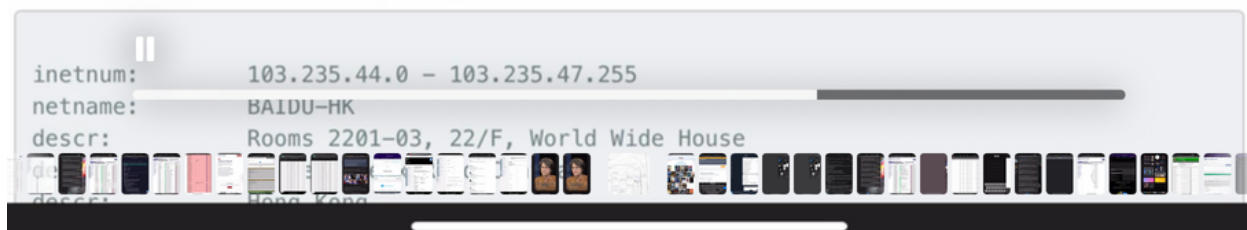


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Polls have now closed almost everywhere in the high-stakes presidential contest between Vice President Kamala Harris and former president Donald Trump. The polls are still open in Hawaii and Alaska. While the candidates continue to pick up electoral votes in states that favor them, the outcomes remain too close to call across the seven battleground states that are expected to decide the election.

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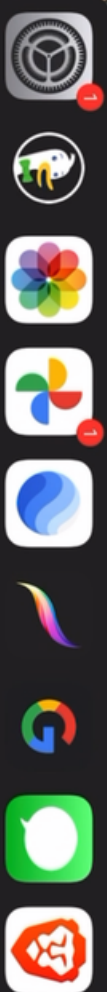
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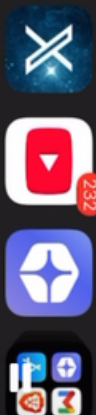
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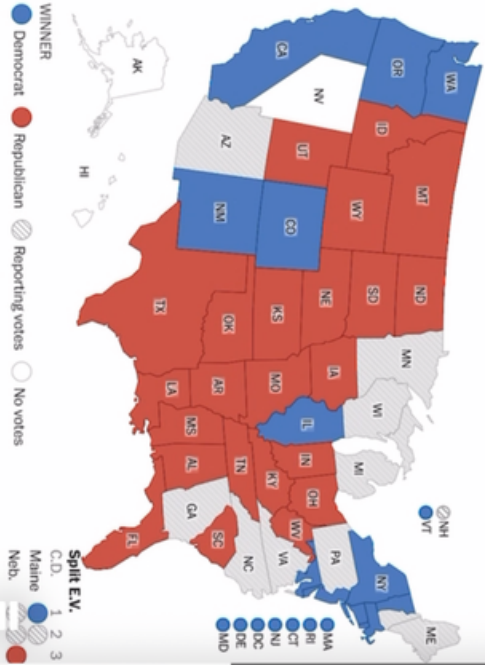
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Democrat Republican Reporting votes No votes

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- Crucial battleground states have yet to be called in the presidential election. Trump has 214 electoral votes while Harris has 179 on the path to 270. Here's when we may know the results.
- A Florida amendment to legalize abortion until 24 weeks is projected to fail, while Maryland and New York are projected to pass ballot measures that would increase protections for the procedure.
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Election 2024 Polls: Harris vs. Trump

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4 min ago

Andy Kim, projected winner of N.J. Senate race, makes apparent dig at state's Democratic machine

Mariana Alfaro



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The New York Times

Election 2024 Polls: Harris vs. Trump

Updated Nov. 5, 2024

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These averages, based on pre-election polls, were last updated at 6 p.m. Eastern time on Election Day. [Follow live results.](#)

Who's leading the polls? 🗳️

National polling average

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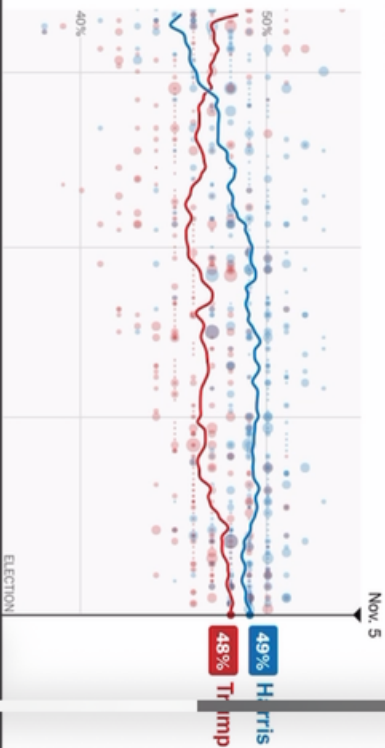
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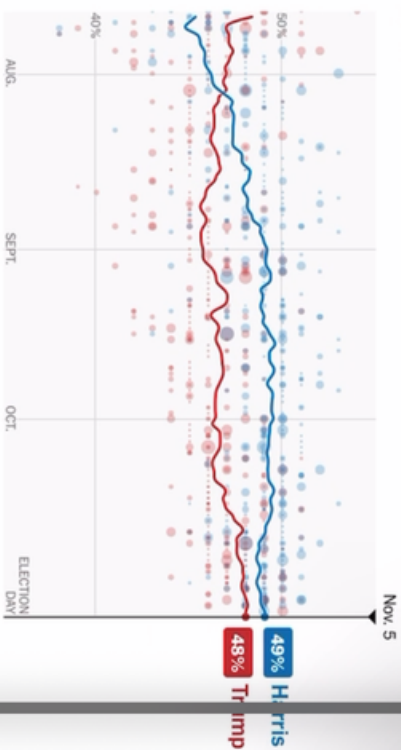
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National polling average
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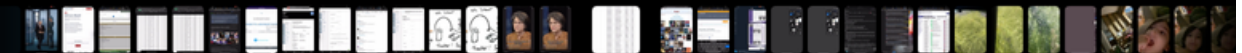
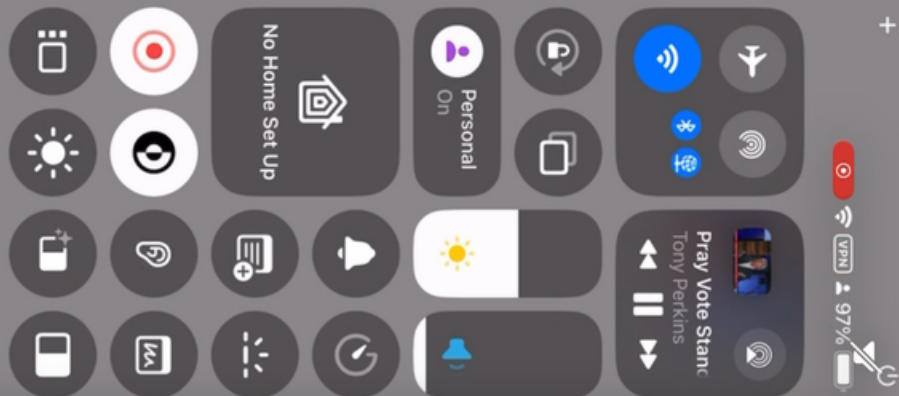
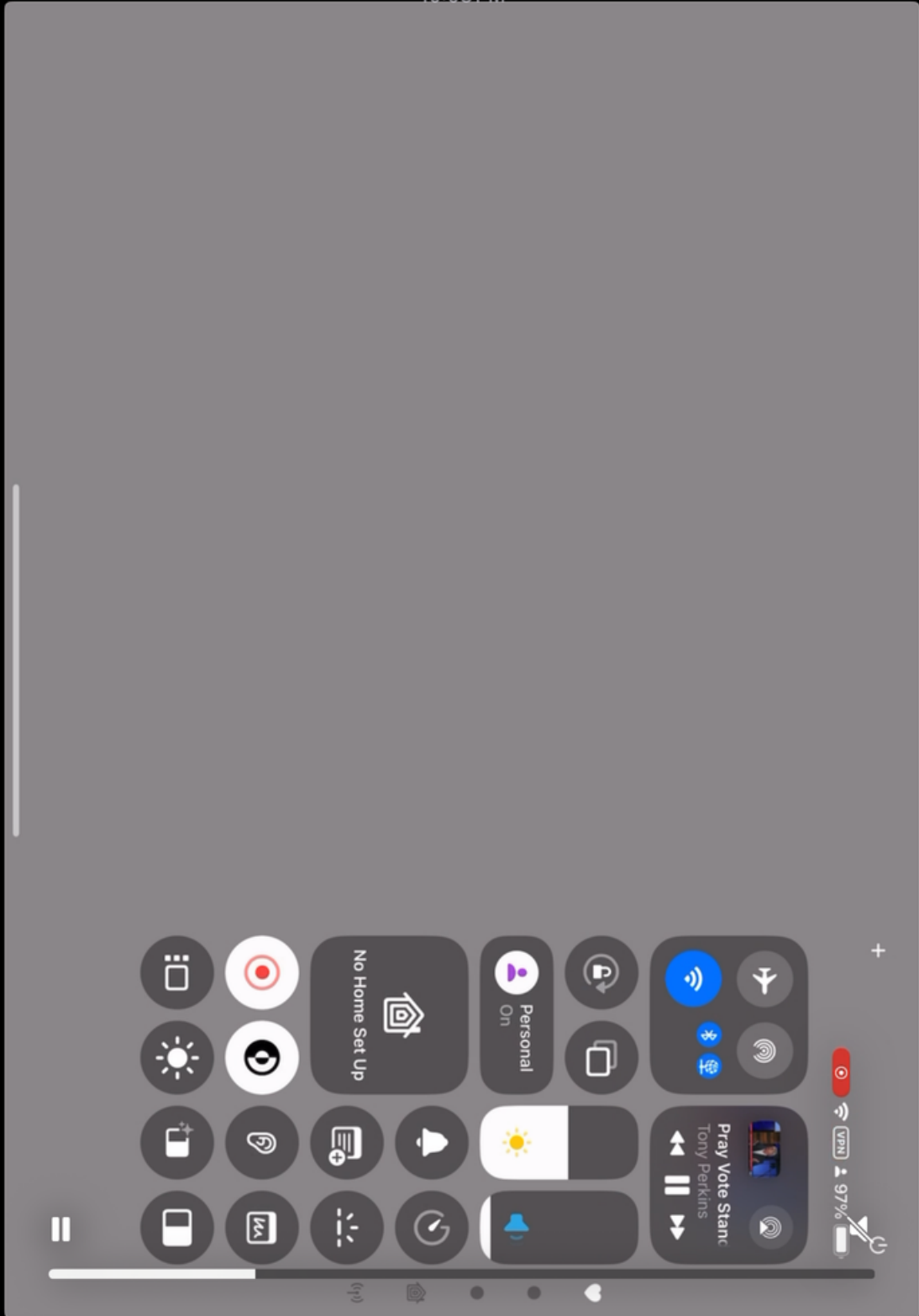
Nate Cohn
Chief political analyst

It's Election Day, and the polls show one of the closest presidential races in the history of American politics. Nationwide or across the key battlegrounds collectively, neither Kamala Harris nor Donald J. Trump leads by more than a single percentage point. Neither candidate holds a meaningful edge in enough states to win 270 electoral votes. In the history of modern polling, there's never been a campaign where the final polls showed such a close contest. *Updated Nov. 5*

Enjoy open access to the election hub in The Times app.

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Results by state

Below are the latest results and the real-time forecast for each state, grouped according to pre-election ratings by the Cook Political Report.

Reported results [Live forecast](#)

Dem. Win Flip Rep. Win Flip

Most competitive states

State	E.V.	Margin
Arizona	11	R+0.13
Georgia	16	R+3
Michigan	15	R+5
Nevada	6	—
North Carolina	16	R+3
Pennsylvania	19	R+4
Wisconsin	10	R+3

Harris expected to win narrowly

State	E.V.	Margin	% In
Maine	2	D+5	28%
Minn.	10	D+9	51%
Neb. 2	1	D+9	75%
N.H.	4	D+4	75%

Trump expected to win narrowly

State	E.V.	Margin	% In
Fla.	30	R+13	5%
Iowa	6	R+13	17%
Maine 2	1	R+15	13%
Texas	40	R+15	44%

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State Results

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Presidential Election Results

The race for the White House will likely be decided in the seven battleground states. It could take days for officials to count enough votes to determine who won.

187 Kamala Harris

210 Donald J. Trump

270 TO WIN

